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6261 Dec 21

ESTABLISHED, 1868.

THE TWENTY THIRD ANNUAL CATALOGUE OF THE PERRY SEED STORE

1893

SEEDS
BULBS,
HARDWARE,
IMPLEMENTS
DRAIN TILE &C.

F. H. EBELING.
PROPRIETOR.

217 WARREN ST.
OPPOSITE
NEW POST OFFICE.

SYRACUSE, N. Y.

USEFUL TABLES.

Number of Plants Produced from One Ounce of Seed as follows:

	Plants.		Plants.
Asparagus	about 500	Kale	about 2 000
Broccoli	" 2,000	Leek	" 1,000
Cabbage	" 3,000	Lettuce	" 3,000
Cauliflower	" 4,000	Pepper	" 2,000
Celery	" 4,000	Sage	" 1,000
Egg Plant	" 1,000	Tomato	" 3,000
Endive	" 3,000	Thyme	" 5,000

Number of Plants to the Acre at the following distances apart:

Distances apart.	No. of Plants to Acre.	Distances apart.	No. of Plants to Acre.
1 ft. by 1 ft.	4',560	6 ft. by 6 ft.	1,210
1½ " 1½ "	19,360	8 " 8 "	680
2 " 1 "	21,780	9 " 9 "	537
2 " 2 "	10,898	10 " 10 "	435
2½ " 2½ "	6,969	12 " 12 "	302
3 " 1 "	14,520	15 " 15 "	193
3 " 2 "	7,260	18 " 18 "	134
3 " 3 "	4,840	20 " 20 "	103
4 " 4 "	2,722	25 " 25 "	70
5 " 5 "	1,742	30 " 30 "	48

Quantity of Seeds required for a given number of Plants, or number of Hills, or length of Drills.

Asparagus	1 oz. to 60 ft. drill	Parsnip	1 oz to 100 ft. drill
Beets	1 oz to 50 ft. drill	Peas	1 qt. to 100 ft. drill
Beans, dwarf	1 qt. to 150 hills	Pumpkin	2 qts. per acre
Beans, Pole	1 qt. to 100 hills	Radish	1 oz. to 100 ft drill
Carrot	1 oz. to 150 ft. drill	Sage	1 oz. to 100 ft. drill
Cucumber	1 lb. per acre	Salsify or V. Oyster	1 oz. to 70 ft. drill
Corn	1 qt. to 400 hills	Spinach	1 oz. to 100 ft. drill
Watermelon	1 oz. to 30 hills	Squash, early	1 oz. to 50 hills
Muskmelon	1 oz. to 60 hills	Squash, Marrow	1 oz. to 16 hills
Onion	1 oz. to 100 ft. drill	Turnip	1 oz. to 150 ft. drill

Seed Sown per Acre.	Weight per bu.	Seed Sown per Acre.	Weight per bu.
Timothy, ½ to ¾ bushel	42 to 44 lbs	Onion, 5 to 6 lbs	56 lbs
Red Top, 2 to 2½ bush	14 lbs	Turnip, 1 lb	
Red Clover, 10 to 15 lbs	60 lbs	Beans, 1 to 1½ bush	62 lbs
White Clover, 6 to 10 lbs	60 lbs	Peas, 2½ to 3 bush	60 lbs
Lucerne or Alfalfa, 15 to 20 lbs	60 lbs	Oats, 2 to 3 bush	32 lbs
Yellow Sand Clover, 10 to 15 lbs	60 lbs	Rye, 1 to 2 bush	56 lbs
Alsike Clover, 5 to 10 lbs	60 lbs	Millet, ½ to ¾ bush	50 lbs
Orchard Grass, 2 bush	14 lbs	Hungarian, ½ to ¾ bush	48 lbs
Blue Grass, 2 bush	14 lbs	Pumpkin Seed	27 lbs
Sweet Vernal, 1 to 1½ bush	10 lbs	Flax Seed, 6 qt	56 lbs
Wheat, 2 bush	60 lbs	Barley, 2 bush	48 lbs
Buckwheat, ¾ to 1 bush	48 to 50 lbs	Corn, ½ bush	56 to 60 lbs
Carrot, 2½ to 3 lbs	20 lbs	Potatoes, 6 bush	62 lbs
Beet, 4 to 6 lbs		Sweet Corn, ½ bush, about	50 lbs
Parsnip, 3 to 5 lbs			

Average Vitality of Seed, Based on Perfect Stock.

GOOD FOR ONE YEAR.—Leek, Onion, Parsnip.

GOOD FOR TWO YEARS.—Beans, Carrots, Egg-Plant, Okra, Peas, Pepper, Rhubarb, Sage, Salsify, Thyme.

GOOD FOR THREE YEARS.—Asparagus, Endive, Lettuce, Parsley, Radish, Spinach.

GOOD FOR FOUR YEARS.—Broccoli, Cabbage, Cauliflower, Celery, Turnip.

GOOD FOR FIVE YEARS.—Beet, Cucumber, Melon, Pumpkin, Squash, Tomato.

February.

Sow in Hot-Bed.

Broccoli,
Early Cabbage,
Forcing Carrot,
Early Celery,
Cucumber,
Egg Plant,
Early Lettuce,
Parsley,
Pepper,
Radish,
Tomato.

March.

Sow in Hot-Bed.

Early Beet,
Broccoli,
Brussels Sprouts,
Early Cabbage,
Forcing Carrot,
Cauliflower,
Celery,
Cucumber,
Lettuce,
Melon,
Pepper,
Radish,
Tomato.

April.

Sow in Hot-Bed.

Cucumber,
Egg-Plant,
Melon,
Pepper,
Tomato.

Sow in Open Ground.

Peas,
Potatoes,
Radish,
Spinach,

May.

Sow in Open Ground.

Artichoke,
Asparagus,
Beans,
Beet,
Broccoli,
Brussels Sprouts,
Late Cabbage,
Carrot,
Cauliflower,
Celery,
Sweet Corn,
Cress,
Cucumber,
Kale,
Kohlrabi,
Leek,
Lettuce,
Melon,
Onion,
Parsley,
Parsnip,
Peas,
Potatoes,
Radish,
Rhubarb,
Salsify,
Spinach,
Tomato,
Early Turnip,
All Herbs.

June.

Sow in Open Ground.

Beans, Lima and all other sorts,
Beet,
Broccoli,
Brussels Sprouts,
Early Cabbage,
Carrot,
Cauliflower,
Sweet Corn,
Cress,
Cucumber,
Endive,
Kale,
Kohlrabi,
Lettuce,
Melon,
Nasturtium,
Okra,
Early Peas,
Potatoes,
Pumpkin,
Radish,
Salsify,
Spinach,
Squash,
Herbs.

September.

Sow in Open Ground.

Cabbage for Cold Frames,
Cauliflower for Cold Frames,
Tuberous Chervil,
Corn Salad,
Cress,
Siberian Kale,
Lettuce,
Mustard,
Winter Radish,
Spinach,
Turnip.

TO OUR FRIENDS AND PATRONS.

After nearly a quarter of a century of continuous active business in the Seed Trade, etc., I have retired from the same for rest. My successor, Mr. F. H. Ebeling, who was associated in business with me for nearly ten years will continue the same in all its departments, and I would ask for him a continuance of your patronage, feeling confident that all matters placed in his hands will receive prompt and careful attention as heretofore.

My private office in the future will be at the "old stand" as usual.

Yours truly,

A. D. PERRY.

Frederick H. Ebeling, who for nearly ten years was the partner in the firm of A. D. Perry & Co., will continue the business in all its departments in the same substantial and conservative manner as heretofore, at the old stand, under the well known name of its founder, "*The Perry Seed Store.*"

All business entrusted to his care will receive prompt and careful attention.

Yours Respectfully,

The Perry Seed Store,

F. H. EBELING, Prop'r.

Es macht uns große Freude unseren deutschen Freunden und Kunden unseren jährlichen Catalogue für 1893 vorzulegen.

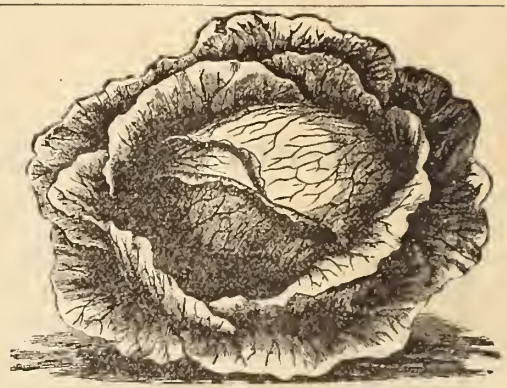
Derselbe enthält eine vollkommene Liste der auserlesensten Sorten frischer Garten-, Feld- und Blumen-Samen, von den besten und erfahrensten Kunst-Gärtnern in diesem Lande und in Europa mit der größten Sorgfalt für unser Geschäft besonders auserlesen. Weiter, allerlei Gartengeräthe, „Lawn Mowers," Maschinen und Werkzeuge aller Art, Blumentöpfe aller möglichen Sorten und Preise—kurz, alles was im Garten und auf dem Felde gebraucht wird. Die vieljährige Erfahrung im Samengeschäfte macht es uns möglich unsere Kunden prompt und auf's Beste zu bedienen. Herr Ebeling, jetzt die Firma, wird es sich mit Freuden zur Aufgabe machen, allen deutschen Kunden in ihrer Muttersprache zu bedienen, und es wird sein Bestreben sein durch freundliche Bedienung ihre Kundschaft und Wohlwollen zu erwerben und zu behalten.

Der Perry Samen-Laden,

F. H. Ebeling, Eigenthümer,

217 Warren Straße, Syracuse, N. Y., Dem neuen Post-Gebäude gegenüber.

JERSEY WAKEFIELD.



PREMIUM BRUNSWICK, SHORT STEM.

ASPARAGUS, *Spargel.*

	Per oz.	Per lb.
Barr's Mammoth	$0 10	$0 75
Palmetto, "new" true stock	10	75
Conover's Colossal	10	40
Moore's Cross Bred, Roots per 100, $1.25		
Roots of other varieties, per 100...1.25		

BEET, *Runkel Rübe.*

	Per oz.	Per lb.
Edmand's extra early Turnip	$0 10	$0 60
Black Queen, "new"	10	1 25
Arlington, "new"	10	1 00
Faust Early Crimson	10	60
Early Bastian or Lentz	10	60
Eclipse Beet	10	60
Egyptian Turnip, extra early	10	60
Bassano, early	10	60
Dewing's Ex early blood Turnip Beet	10	60
Improved Long Blood	10	60
Mammoth Long Red Mangel	10	35
White Sugar, Fred Knauer's variety,	10	30
Yellow Mammoth or Intermediate	10	40
Yellow Ovoid, Giant	10	30
Yellow Globe Mangel	10	30
Golden Tankard	10	30
Taber's Gate Post, new Mangel	10	40
Swiss Chard, for greens	10	60

BEANS, (Bush), *Garten Bohne.*

Add 18 cents per quart for Beans by mail.

	Per Qt.	Per Bu.
Ferry's Detroit Wax	$0 30	$6 00
Flageolet Wax	35	7 50
Wardwell's Kidney Wax	35	7 00
White Wax, flat yellow pods	30	6 00
Black Wax, yellow pod	30	6 00
Golden Wax, improved	35	6 00
Golden Eyed Wax	30	6 00
Early Refugee Wax	40	8 00
Early Stanton	30	5 00
Early Long Yellow, six weeks	30	5 00
Burpee's Bush Lima, large as common Lima, new	1 25	
Henderson's Bush Lima	30	8 00
Dwarf Horticultural	30	5 00
Improved Valentine	25	4 50
Mohawk, one of the earliest	30	4 50
China Red Eye	20	4 00
Improved Refugee, pickling bean	30	5 00
Best of All	25	4 50
White Kidney	20	3 50
White Marrow	20	3 00

Jackson Wonder Bean, 15 cts. per packet.

BEANS, (Pole or Runners) *Bohne.*

	Per Qt.	Per Bu.
Dreer's Golden Cluster Wax	$0 40	$8 00
Black Wax, yellow pod	30	6 00
Giant Wax	40	8 00
Lazy Wife, Pole	25	6 00
Early Jersey Lima, "new"	40	8 00
Washington Market Lima	40	8 00
Ford's Mammoth Pod Lima	40	8 00
Large White Lima	40	8 00
Sieva Lima, small	40	7 00
Platt's King of the Garden Lima	40	8 00
Cranberry, Speckled or Goose Egg	30	6 00
Case Knife, white, flat, string or dry bean	30	6 00
Scarlet Runner	40	8 00
White Runner, fine shell beans	40	8 00
Brown Windsor	60	

BORECOLE or Kale.

Tall or Dwarf, per oz. ..... 10 cts.

BROCCOLI, *Spargel-Kohl.*

Per oz. ..... 30 cts.

BRUSSELS SPROUTS, *Grüner Kopfkohl.*

	Per oz.	Per lb.
Dwarf, fine, French	$0 20	$2 00

BROOM CORN.

Dwarf or Evergreen, per bu $4 00

CABBAGE, *Kopf-Kohl.*

Our stock of Cabbage is selected from the best growers known to the trade.

	Per oz.	Per lb.
Etampes, extra early, pointed head	$0 30	$3 00
Henderson, early summer	25	2 50
Winningstadt, heads hard and early	25	2 50
Flderkraut	25	2 00
Sure Head Cabbage	25	2 00
Gregory, all season Cabbage	20	2 00
Early Jersey, Wakefield, first quality	30	3 00
Succession	30	3 00
Early Ox Heart, French	25	2 00
Perry's Premium Brunswick	30	3 00
Fotler's Brunswick, American stock	25	2 00
Extra Flat Dutch	25	1 50
Perry's Premium Flat Dutch	30	3 00
Drumhead, (American Improved)	25	2 00
Early, Dark Red, Pointed	25	2 00
Red Dutch, "Erfurt"	25	3 00
Large Red Drumhead	25	3 00
Large Auber Savoy, "new"	30	3 00
Globe Savoy	25	2 50
Victoria Savoy	30	3 00
Stonemason Drumhead, winter	25	2 50
Marblehead, Mammoth	20	1 50
Bergen, large, very fine	30	3 00
Warren	30	3 00

Bei uns wird Deutsch gesprochen.

TRUE ERFURT CAULIFLOWER.

CAULIFLOWER, *Blumen-Kohl.*

	Per oz.
Long Island Beauty	$2 00
Snowball, extra small leaf, fine	3 00
Benary, best Erfurt	4 00
Dwarf Erfurt, first quality, true	3 00
Denmark, for trial	3 00
Half Early Paris, large and fine heads	75
Lenormand's, extra large	75
Favorite	2 00

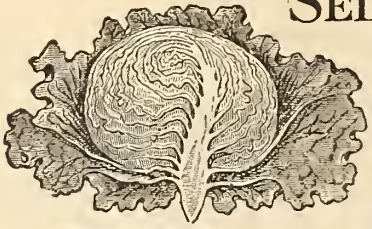
CARROTS, *Gelbe Rüben.*

		Per oz.	Per lb.
No. 1.	Early forcing, nearly round	$0 10	$0 90
" 2.	Early Horn	10	65
" 3.	Half Long Scarlet, pointed	10	90
" 4.	Half Long Nantes	10	90
" 5.	Half Long Danvers	10	60
" 6.	Long Orange, improved, below ground	10	90
" 7.	Large White Vosges, for cattle	10	90
" 8.	Half Long Pointed, James' new	10	90
" 9.	Altringham, red, for butter	10	90
" 10.	Long Orange, green top	10	90
" 11.	Large White Belgian, extra large	10	65
" 12.	Chantenay, Half Long	10	90
" 13.	Wates Giant White Green Top, new	10	80
" 14.	Red Long Meaux, fine, stump rooted	10	90

Use our Lawn Seed and special Lawn Dressing, none better.

Bei uns wird Deutsch gesprochen.

SELECTED VEGETABLES.



HANSON.

PIKES PEAK (OR SIBLEY) SQUASH.

DANVERS.

ENDIVE.

Paris golden

IMPROVED AMERICAN DRUMHEAD SAVOY.

White Plume

STRAWBERRY TOMATO.

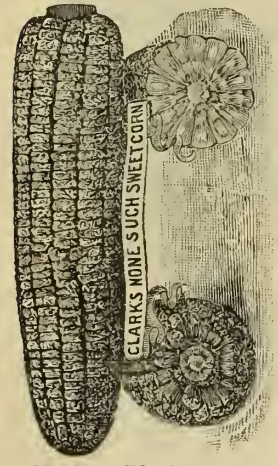
LACINIATED BEAUREGARD.

SWISS CHARD.

1940. Spinage Lettuce-leaved.

Call for our Plant Food, Lawn Seed and Lawn Dressing.

CELERY, *Seleri.*	Per oz.	Per lb.
Self-Blanching or white Plume, best stock	$0 30	$3 00
Kalamazoo, large ribbed	30	2 50
Paris Golden Yellow, large, rib, self-blanching, choice	40	4 00
Giant Paschal, large ribbed	20	2 00
White Giant, solid	20	2 00
Boston Market	20	2 00
Dwarf Crimson	30	3 00
Red Giant, new	40	4 00
Perfection Hartwell	30	3 00
Sandringham Dwarf, white	20	2 00
American Half Dwarf, old standard	20	2 00
Golden Heart, Half Dwarf	20	2 00
Crawford's Half Dwarf	20	2 00
Celeriac, Root Celery, new, apple shape	25	2 00
Soup	05	40
CHICCORY, *Cichorie.*		
Improved, large leaves for Greens	15	1 00
Large rooted for Coffee	15	1 00



CORN, *Korn.*

Add 16 cents per quart by mail. Prices subject to change.

	Per qt.	Per bu.
Clark's None Such, large, early	30	4 00
Ne Plus Ultra, new, small, very sweet,	30	4 00
Early Maine, new	30	4 50
Cory Corn, earliest	20	3 25
White Cory	20	3 50
Marblehead, extra early	20	3 00
Perry's Hybrid, large, early, 12 rowed	20	3 00
New Ruby	40	4 00
Gold Coin, 12 rowed, yellow	20	3 00
Early Minnesota	20	3 00
Crosby Early	20	3 00
Ballard's Red Cob	20	3 00
Moore's Early Concord	20	3 00
Asylum, large, fine	20	3 00
Shaker's large, early	20	3 00
Egyptian, large, late	20	3 00
Stowell's Evergreen, extra fine, true	20	2 50
Shoe Peg Evergreen	20	4 00
Mexican Black	20	3 00
Hickox's Improved Sugar	20	4 00
Potter's Excelsior	20	3 00
Mammoth Sugar	20	3 00
Rice Pop Corn	10	1 50
Best varieties field corn, per lb. 3 cents on ear.		
Angel of Midnight Corn	Shelled.	1 75
Eight Rowed White Flint	"	1 75
Pride of the North	"	1 25
Leaming, early fodder corn	"	1 25
Our genuine "Sou" Fodder Corn	"	1 00
Evergreen Sweet Corn for Fodder	"	1 50
W. & B. Ensilage Corn	"	1 00

CORN SALAD, *Ackersalat.*	Per oz.	Per lb.
Large Round Leaved	15	1 00
Small Seeded	15	1 00
CHERVIL, *Gartenkerbel.*		
Curled	20	2 00
CRESS or PEPPERGRASS, *Kresse.*		
Upland Cress, new, hardy, perennial. 5 cents per package.		
Cress, Garden Curled	10	1 00
Water Cress	20	2 00
Dwarf, Fine Curled	10	1 00

We carry a fine line of Knives, Shears, Razors, &c.

Bei uns wird Deutsch gesprochen.

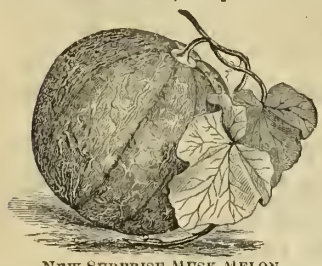
GROUP OF CUCUMBERS.
No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine; 6, Gen. Grant.

	Per oz.	¼ lb.	Per lb.
CUCUMBER, *Gurke.*			
Green Prolific, extra early	$0 10	$0 20	$0 75
Early Russian	10	20	75
Early Frame	10	20	75
Early Cluster	10	20	75
White Spine, extra stock	10	20	75
Early Boston Market, extra	10	20	75
Extra Long, white spine, new	10	20	75
Long Green	10	20	75
London, or Extra Long Green	10	20	75
Lord Kenyon's Favorite	25	per packet.	
Achievement, new, extra long	25	" "	
Telegraph, new	25	" "	
Long White Ridge, new	25	" "	
Marquis of Lorne	25	" "	
West India Gherkin	25	" "	
Mammoth Green Spine, (see novelties)	25	" "	
EGG PLANT, *Eierpflanze.*			
Large Purple Egg Plant	20		
New York Improved	40		
Black Pekin	40		
ENDIVES, *Endivien.*			
Green Curled Winter	20		
Fine Curled Summer	20		
HONEY LOCUST. For Hedges			20
GARLIC, *Knoblauch.* Sets	5		80
KOHL RABI.			
White, above ground	25		3 00
Purple, above ground	25		3 00

Sharpening and Repairing of Knives, Shears and Lawn Mowers a Specialty.

Bei uns wird Deutſch geſprochen.

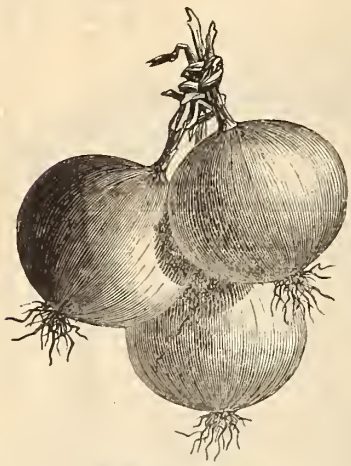
	Per oz.	Per lb.
LEEK, *Lauch.*		
London, broad flag	$0 25	$3 00
Large Rouen	25	3 00
LETTUCE, *Salat.*		
Oak Leaf, new	per package 10 cents.	
Hamilton Market Head	20	1 50
Lacinatus Beauregard, new, fine	20	1 50
Chartier's New	20	2 00
Onondaga Market Garden, very best in use, see novelties	20	2 00
Green Fringed or Red Fringed	20	1 50
Boston Market	20	1 50
Boston Curled, fine for hot-bed	20	1 50
Early Curled Simpson, black seeded	20	1 50
Early Curled Silesian	20	1 50
Our Forcing, new, white head	20	1 50
Golden Stone	20	2 00
Ice Drumhead	20	1 50
Hanson Head, excellent out-door sort	20	1 50
Batavia Brown Head	20	1 50
India or Prize Head	20	1 50
Tennis Ball, small, for family use, white and black seeded	20	1 50
White Cos	paper 5 cents.	
Deacon Head, new, very fine family lettuce	20	2 00
Satisfaction	20	2 00
Denver Market, early head lettuce, new	30	2 50
MUSK MELON, *Melone.*		
Surprise, round, yellow fleshed, medium size	10	75
Miller's Cream, very fine	10	75
Emerald Green	10	75
Orange Christiana, "fine netted," yellow flesh	10	75
Osage, large western	10	75
Pineapple	10	75
Nutmeg, fine netted, extra early green, rich and sweet	10	75
White Japan	10	75
Cassaba, pointed, thick fleshed	10	75
Bay View, large, green fleshed, fine for a large melon	10	75
Large Nutmeg or Improved Cantelope, very fine, for marketmen	10	75
Pomegranate	25	
Montreal Market Musk	10	75
Hackensack, very fine	10	75
WATERMELON, *Wassermelone.*		
The Gregg	10	60
Green and Gold, new, fine	10	60
Seminole	10	60
Cuban Queen Extra	10	60
Phinney's Early, red flesh and solid, very prolific	10	60
Haskell's Excelsior, large and solid to centre, extra quality	10	60
Mountain Sweet, old favorite	10	60
Mountain Sprout	10	60
Black Spanish, round, dark green, with red flesh	10	60
Icings or Ice Cream, white seeded	10	60
Green Citron, for preserves	10	60
Scaly Bark, new, highly recommended	10	60
Kolb's Gem	10	60
Iron-clad	10	60
Georgia Rattlesnake	10	60



NEW SURPRISE MUSK MELON.

Good Seed and Fertilizer make fine Lawns. We can supply both.

Bei uns wird Deutſch geſprochen.



WHITE GLOBE ONION.

MUSHROOM SPAWN,
Per Box.....$1 00

MUSTARD, *Senf.*	Per oz.	Per lb.
White	$0 05	$0 20
Brown	05	20

MARTYNIA.	Per oz.
Martynia Pickles	$0 40

NASTURTIUM, *Kapusinerblume.*

Tall, (see Flower seed)	10
Dwarf	15

OKRA or GUMBO, *Essbarer.*

Dwarf, white	10

ONION, *Zwiebel.*	Per oz.	Per lb.
Yellow Danvers, improved, our best selected stock	$0 25	$3 00
Yellow Danvers, good stock	25	2 50
Early Red, extra early	20	2 25
Southport Red Globe	20	2 50
Large Red Wethersfield	20	2 50
White Silverskin	25	3 50
Southport White Globe	25	3 50
White Tripoli, novelty	30	4 00
Giant Rocca	30	4 00
Mammoth Silver King, "novelty"	30	
New Queen, "novelty"	30	

Top Onion Sets, Bolton, Yellow, White, Potato, } Market Price.

The price of Onion Seed is subject to change without notice.

BELL OR OX HEART.

PARSLEY, *Petersilie.*	Per oz.	Per lb.
Champion Moss Curled	$0 10	$0 75
Fern Leaved	10	75
Extra Double Curled	10	75
PARSNIP, *Pastinake.*		
Long White	10	50
Hollow Crown, best for general use	10	50
Sutton's Student	10	50
PEPPER, *Pfeffer.*		
Chili, very small, for Pepper Sauce	25	2 50
Bell or Ox Heart, rind thick, extra large	25	2 50
Ruby King, extra large	25	2 25
Cayenne	25	2 00
Rose Mammoth	50	
Mountain Sweet, used for stuffed pickles	25	2 50
Golden Dawn, yellow	30	3 00
Golden Queen	30	3 00
Celestial, new, novelty	30	3 00
Red Cluster	30	3 00

Imported Fall bulbs of all kinds, see page 16.

Bei uns wird Deutſch geſprochen.

PEAS, *Erbsen.*

Extra Early Sorts.

Add 30 cents per quart by mail. Wrinkled varieties marked thus *

	Per qt.	Per bu.
Cleveland's Alaska	$0 25	$3 50
Rural New Yorker	25	3 50
Earliest of All	25	3 25
Kentish Invicta, early small	25	4 00
First and Best	25	3 25
Perry's Forty-two Day, the best extra early	25	3 50
Philadelphia Extra Early	25	3 50
Carter's First Crop, 2½ feet	25	3 50
Improved Daniel O'Rourke, 2½ feet	25	3 50

Dwarf Varieties.

Blue Beauty	30	4 50
*Blue Peter, green, smooth, 1 foot	30	4 00
*Minimum, extra early, 9 inches	30	5 00
Tom Thumb, yellow, smooth, 8 inches	30	5 00
*American Wonder, green, 1 foot	30	6 00
*Premium Gems, very early, very fine, dwarf	30	5 00
*McLean's Little Gem, very fine, popular, 1 foot	30	5 00

Second Early and Late Varieties.

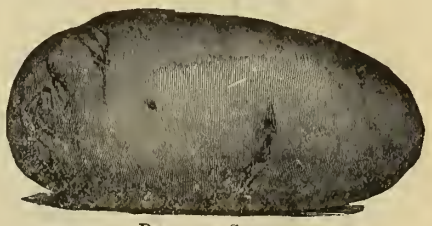
*Alpha, early, 3 feet	25	4 00
*Bliss, Abundance	30	4 00
*McLean's Advancers, true, long pods, fine quality, 2½ feet	25	3 50
*Champions, very fine, old favorite, 4 feet...$2.75 to $3.50 per bu.	25	
*Horsford's Market Garden, early	30	3 50
Pride of the Market	30	6 00
*Telephone, the finest large, Second Early Pea in the market, 3 ft.	30	5 00
*Yorkshire Hero, large, late	25	3 50
*Stratagem, 1 to 2 feet, vigorous, fine quality	30	6 00
White Sugar, edible pods	30	5 00
Gray Sugar, edible pods	30	6 00
White Royal Dwarf Marrowfat, 2 feet, very scarce	25	3 00
Black Eyes, No. 1	20	2 00
Black Eyes, No. 2	10	1 75
Canada Field	$1.00 to $1.25 per bu.	

Peas scarce.—These prices subject to change without notice.

POTATOES, *Kartoffel.*

Early Puritan.
Ohio Jr.
Early Ohio.
Sunlit Star, extra early
Vick's extra early.
Stray Beauty.
Pearl of Savoy.
Beauty of Hebron.
Nathan Rose Seedling.
Champion of England.
White Star.
Manrow Seedling.

Price on Application.



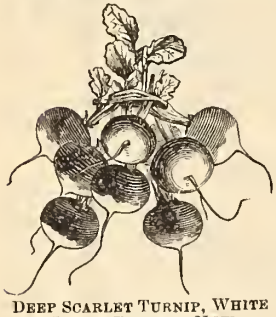
Pearl of Savoy.

PUMPKIN SEEDS, *Kürbiss.*

	Per qt.	Per bu.
Connecticut Field	$0 15	$3 00
Cheese Pumpkin	60	
Cushaw Pumpkin, fine table	60	
Mammoth Tour	60	
Mammoth King	60	

We carry a full line of Lawn Supplies.

DEEP SCARLET TURNIP RADISH SMALL TOP. NEW.



DEEP SCARLET TURNIP, WHITE TIPPED RADISH. NEW.

FRENCH BREAKFAST RADISH.

CHINESE ROSE WINTER RADISH.

RADISH, *Radieschen.*

Our Radish Seed is the very best French Stock.

	Oz.	¼ lb.	Lb.
Barteldes Glass Radish, crisp, mild and very tender, new	.30		1 50
Ne Plus Ultra, Deep Scarlet Turnip	.10	20	80
Early Scarlet Turnip, white tipped	.10	20	50
Early Deep Scarlet Turnip, forcing, new	.10	20	75
Early white Box or Turnip	.10	20	60
Early Deep Scarlet, Olive shape, small top	.10	20	60
White Olive Shaped or Newcome	.10	20	60
Yellow Turnip, new	.10	20	60
French Breakfast, white tipped	.10	20	60
White Giant Stuttgart, summer	.10	20	60
Short Top Scarlet, long, Wood's frame	.10	20	60
Chartier Long, white tipped	.10	20	75
Scarlet Chinese Rose Winter, fall variety	.10	20	75
Long Black Spanish, winter	.10	20	75
White Giant Spanish	.10	20	50
Gray Long, winter	.10	20	75
California Mammoth White	.10	20	75
White Strasburg or Hospital	.10	20	75
White Russian, very large	.10	20	75

SALSIFY, *Bocksbart.*

	Per oz.	Per lb.
Or Vegetable Oyster	$0 10	$1 00
Mammoth Sandwich Island, new	10	1 25

SORREL.

Large Leaved French	10	1 50

SPINACH, *Spinat.*

	Oz.	¼ lb.	Lb.
Prickly, fall, extra large	5	10	20
Round Leaf, Viroflay	5	10	20
New Zealand	5	10	20
Flanders, large leaf	5	10	20
Bloomsdale	5	10	20
Long Standing	5	10	20

☞ 25 to 100 lb. lots special price.

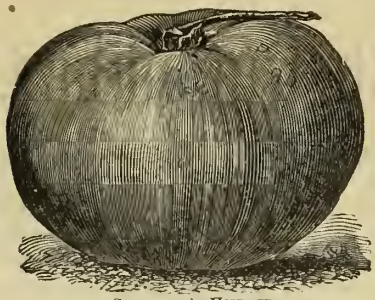
SQUASH, *Kürbiss.*

	Per oz.	Per lb.
Golden Bush Scallop	$0 10	$0 65
Perfect Gem	10	65
Early Scollop, white	10	65
Giant Summer, Crook-neck	10	80
Hubbard, winter, extra stock, good keeper	10	70
Boston Marrow, old variety, fall	10	60
Butman, nearly like Hubbard	10	60
Turban, excellent fall	10	60
New Essex Hybrid, fine flavor	10	60
Marblehead, like Butman	10	60
Brazilian, new, excellent, green or ripe	10	60
Mammoth Chili	20	1 50
Cocoanut	20	1 00
Pikes Peak or Sibley Squash	20	1 00
Winter Crook-neck	20	1 00
Ford Hook, new	20	1 50
Canada Crook-neck, winter	10	75

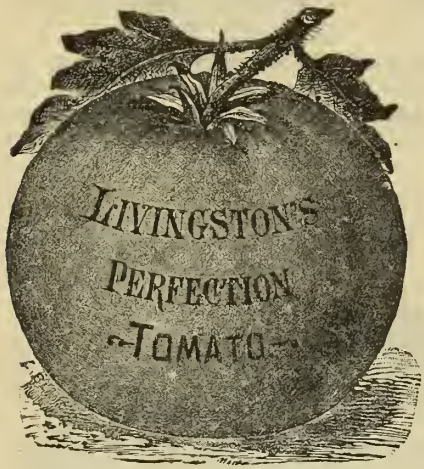
TOBACCO SEED, *Tabak Saamen.*

Connecticut	40	4 00
Primus, new, very hardy, Virginia	2 00	
Wilson's Hybrid Seed, sealed packages	1 00	
Haynes, sealed packages	1 00	
Eureka	1 00	

We can supply everything for the lawn.



SCOVILLE'S HYBRID.



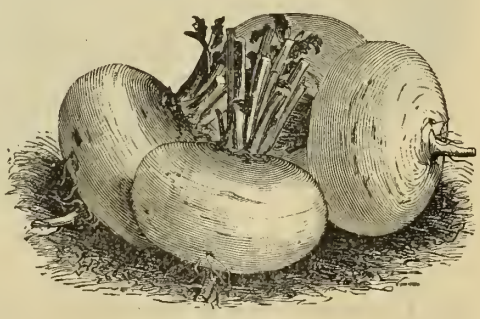
TOMATO, *Liebesapfel.*

	Per oz.	Per lb.
Plentiful, new, 20 cents packet.		
Ignotum, new	$0 25	$2 50
Prelude, extra early	25	2 00
Canada Victor	20	2 00
Dwarf Champion	25	2 50
Scoville's Hybrid	25	2 25
Livingston's Beauty	25	2 25
Livingston's Favorite, early	20	2 25
Climax, extra quality	20	2 00
Acme, true, extra stock	20	2 00
Lorrilliard	25	2 50
Cardinal	25	2 00
Golden Trophy	25	2 00
Low's Essex Hybrid	25	2 00
Trophy, large and solid, true	25	2 25
Hathaway's Excelsior	25	2 00
Paragon	25	2 00
Perfection	25	2 25
Ponderosa	40	
Strawberry or Ground Cherry	5c. paper.	
Yellow Plum	5c. paper.	
Purple Husks	5c. paper.	
Currant Tomato	5c. paper.	

TURNIP, *Steckrübe.*

	Per oz.	Per lb.
Purple Top, flat strap leaf	$0 10	$0 50
Mammoth Purple Top Globe	10	50
Golden Ball or Orange Jelly	10	50
White Norfolk, large, fine summer, globe shape	10	50
Early Stone	10	50
White Dutch	10	50
Yellow Aberdeen	10	50
White Sweet Waldo, one of the finest Rutabagas	10	60
Skirving's Rutabaga, Purple Top	10	50
Carter's Improved Swede Yellow	10	50
Lang's Improved Swede	10	50

KOHL RABI.



EARLY STONE TURNIP.

SWEET HERBS.

Sage, English, $2.00 lb	5c paper.	Thyme	5c paper.
Rue	5c "	Sweet Fennel	5c "
Balm	5c "	Saffron	5c "
Sweet Marjoram	5c "	Caraway	5c "
Summer Savory	5c "	Dill	5c "
Rosemary	5c "	Borage	5c "
Lavender	5c "	Rhubarb Victoria	5c "

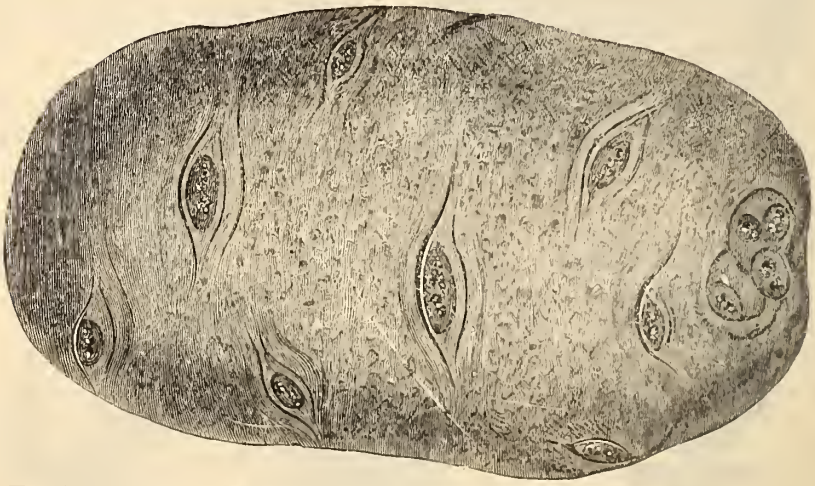
Examine Our Line of Pocket Cutlery.

New Mammoth Cucumber.

Our Mammoth Green Spine is a new Hybrid of the White Spine and Long Green; we would recommend it as the best Cucumber known for Green House culture; it has the appearance and shape of the Long Green and will grow from eight to twelve inches in length, retaining its shape, green color and fine table qualities. It is medium early, small core and few seeds. For out-door culture it cannot be excelled, being very hardy, not subject to rust, will retain its vitality through the entire season, will not become bitter by remaining on the vines, and is a great yielder. We offer this year a limited quantity only, in packets, **25 cents each.**

This makes one of the most valuable market Cucumbers known, as its size recommends it to the purchaser, who once knowing its value calls for it ever after and will have it if obtainable in preference to any other sort. These are plain dollar and cent facts which we can vouch for. *Size and quality* carries it to the front.

OHIO JUNIOR.



The Earliest and Most Desirable Potato for Market Gardeners.

Ohio Junior, although a chance seedling, is without doubt in some way related to that good old sort, the "Early Ohio," as it is almost identical with that variety in form and marking of tubers, habit of growth, etc.; probably the first and only instance where the "Ohio" has been re-produced from seed. The tubers are oval-oblong, round at the seed end, with full eyes that are almost even with the surface. It is an excellent keeper, of fine quality, a large yielder, for an extra early variety, this is the earliest of fifty kinds grown last season. We will book orders for a limited stock.

TRUE ERFURT CAULIFLOWER.

CHOICE CAULIFLOWER SEED.

This we import always from the same growers and for several years have not had one failure. It will produce a greater number of perfect heads than any other strain of cauliflower we ever saw. Of all the varieties that have been tried in this market *our strain of Erfurt has given the best satisfaction.* We have our usual stock of **Perry's Erfurt,** also **Long Island Beauty, Snowball, Denmark** and **½ Early Paris.** For prices see our list, page 3. We assure you the quality is always the same and no cheap seed offered you in its place. There is no better cauliflower seed in the market even if you pay fancy prices for others. Our price is **$3.00** per oz.

THE EARLY STANTON BEAN.

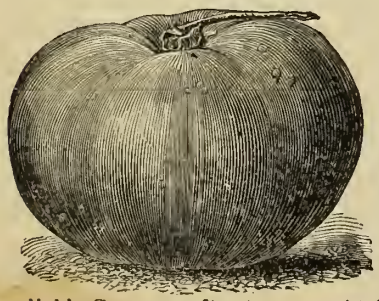
A pure white Bean with green pod, and the earliest of all in this market.

Many years ago Rufus Stanton brought to this county a medium size kidney-shaped White Bean which proved, after careful comparison, to be the *earliest* bean in the market. This bean has been preferred on account of its advantages over other early varieties.

1. It is very early, and fine as a string bean.
2. After they are too old for String Beans they are large and fine for shell or succotash.
3. It is pure white, kidney shaped, and when dry is very desirable for baked beans, with flavor and quality equal to Marrowfat.
4. Its habit of growth is very dwarf, erect, and the beans usually ripen all together.

We have a fine stock of Stanton beans to offer this season and are confident they will please the farmer and market gardener alike on account of their extreme earliness. They can be planted *very late after other crops fail.* They are also very productive. They are also a fine market bean dry. Price per quart 30 cents; ½ bushel $1.75; ½ bushel $3.00; bushel $5.00. If by mail add 15 cents per quart for postage.

SCOVILLE'S HYBRID TOMATO.



Is a very popular variety where known. For years we have handled the **seeds** and **plants** of this Tomato and the sale has extended to every part of the United States and Canada. We have now only a limited supply of **Scoville's Hybrid Tomato** seed for the trade. We expect however for our home trade a fine lot of **plants** grown by the originator, Mr. Scoville. This is the best variety for family use we know of, and we can recommend it.

As a Canning Tomato the SCOVILLE'S HYBRID has no superior. The following from our well known townsmen and old reliable Canners, after two years' trial *proves this true.*

Dear Sir:—We have handled and used in our Canning for several seasons a large quantity of SCOVILLE HYBRID TOMATOES, and we have no hesitation in saying that they have given us better satisfaction than any Tomato we have ever used.

1. They are solid, producing less water in the can. 2. The *Core* of this Tomato is dark colored. 3. They are uniform, good size and smooth, weighing more than the measured bushel. 4. Very fine flavored—not so sour as many varieties; all good qualities for us, and we commend them to all canners.

Yours truly, MERRILL & SOULE.

"SOU" FODDER.

Corn for Fodder, Ensilage, &c.

Our stock of Fodder corn is complete. Our **"Sou"** Fodder corn is from our agent, who picks up our stock early from the best crops grown. Our prices will be as low as the lowest.

LEAMING CORN.

This popular and distinct variety of yellow dent corn certainly has, beyond question, reached the grandest success of any yellow dent corn that has ever been brought before the American public. This corn is too well known to enter into a detailed description of its merits here, suffice to say: That it is a very uniform, medium-sized, very early, (maturing in 90 to 115 days), very heavy, long eared corn, with stalk growing medium tall, and very thick and strong. Our farmers were very successful last season. The sale will be much increased in the future for Ensilage.

Bushnell's Red Cob Ensilage Corn has gained a world wide reputation. It grows similar to other western and southern corn, very tall heavy stalks, and is grown extensively in Illinois and Missouri. It is too late to ripen in this state but being a rapid grower will produce many tons per acre.

The Pride of the North, By selecting and being grown for many years in Northern Wisconsin, has become quite distinct and is now about ten days earlier than the Leaming and grows two feet less stalk. We carry stock of the PRIDE CORN, and although not prepared to name price now, we will always supply you at low market price.

We have Sweet Corn for ensilage purposes which we can sell at a very reasonable price.

Field Corn. We have a fine stock of White Canada Flint, Angel of Midnight, Early Smut Nose and other varieties, in traces and shelled.

BURPEE'S BUSH LIMA BEAN.

The most remarkable of New Vegetables.

The bushes grow 18 to 22 inches high, of stout growth, always erect, and yet branching so vigorously that each plant develops into a magnificent circular bush, from two to three feet in diameter. It is an immense yielder, each bush bearing from 50 to 200 of the handsome, large pods, well-filled with large beans, identical in size, and luclous flavor to the well-known Large Pole Limas.

CULTURE.—Be careful, in planting, to push the Bean into the soil with the eye down; for as the leaves are quite large and heavy, it sustains them materially in breaking through the soil to plant them in this manner. Cover about 1 inch deep. Be careful not to plant until after danger of frost is over and the soil has become warm, in this latitude, about the middle of May. They succeeded best in sandy loam enriched with rich, light, well-rotted compost thoroughly incorporated. It can be had earlier if grown in frames and transplanted. Plant in rows three feet apart and fully two feet between the plants. The only bush form of the true large Lima Bean.

WE OFFER A NEW WAX BEAN

This season, grown and sent out by W. H. GRINNELL, of Pierrepont Manor, N. Y., one of the most reliable seed growers in Northern New York. Of this new Wax Bean he says: "I consider this bean the earliest, most productive and decidedly more **free from rust** than any other variety of Wax Beans." We would recommend a trial of this Bean in every market garden.

THE BERGEN FLEETWING.

A fine, extra early new variety of Pea, growing 16 to 20 inches in height, as *early as the earliest*. Pods 2 to 2½ inches long and fat like a Premium Gem, yields better than "First and Best," almost entirely free from runners. This is a variety we can recommend, being introduced by one of the most reliable and experienced growers known to the trade.

Disclaimer on Seeds.

We exercise the greatest care to have all Seeds pure and reliable. We do not give any warranty express or implied. If the purchaser does not accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

FALL BULBS.

HYACINTHS.

Double Dark Red Rose, Double Yellow, Single and Double mixed,
" Blue in shades, Single Red Rose, Roman Hyacinths, all colors.
" Pure White, Blue in shades, " " Pure White.

Culture.—If in glasses, the water should never cover the bulb, only just touching the base or root part of the bulb, and kept up to this point by replacing daily if necessary.

If in jars, they should be five to seven inch pots, filled with a rich sandy soil, and the bulb placed just out of sight in the earth. Wet thoroughly at first and keep moist in a cool dark place until well rooted, which you can tell by turning the jar up-side down on your hand and see if the roots show through the dirt. Three or four bulbs can be grown in one seven inch pot.

TULIPS, FINEST MIXED.

Single, Duc van Tholl, Red and Yellow, Duc van Tholl, Vermillion.
Double, " " Gold stripped, " " Yellow,
Parrot Tulip, " " Scarlet, Peacock Feather.

Mode of culture same as Hyacinths. If fine display is wanted, plant about four inches apart. If in pots three can be planted in one six inch pot.

POLYANTHUS NARCISSUS.

Poeticus, single, Trumpet Major, Double Narcissus.

Iris, mixed colors "Kaempferi."

All Iris are for open ground. Should be planted in the Fall as early as possible as the bulbs keep very badly out of the ground. Set the bulbs in clumps two inches apart each way and three inches deep.

CROCUS.

Best mixed variety, Blue, mixed shades, Striped, White.

CHINESE SACRED LILIES.

One of the most showy and quick growing house plants in cultivation, grows with little care in water or earth, and blooms freely. If you wish to grow them in water place the bulb in a dish so that when filled, the water will nearly or quite cover the bulb; place the stones around so as to hold it in position. Add fresh water every day, first removing as much as you can with a sponge. Time of planting from September to January.

Price, 20 cents each. Per dozen $1.75. By mail 25 cents each.

JONQUILS—Single and Double.

Lilies should be planted as soon as possible after being removed from the earth to assure blooms the coming season.

Lilium Auratum, large bulbs, Lilium Harrasi, large bulbs, Lilium Candidum.

ORNAMENTAL GRASSES, &c.

Sheaves of Wheat standing, three sizes.....50 cts., 75 cts., $1.00
Flat Sheaves, three sizes.....40 cts., 60 cts. and 75 cts.
French Moss, per full size package.....15 cts. each.
Immortelles all colors for Florists' work.....45 cts. each.
Plant Food, per package.....25 cts.

PERRY'S HYBRID SUGAR CORN

Is acknowledged by all seedsmen to be the best and largest second early corn in use.

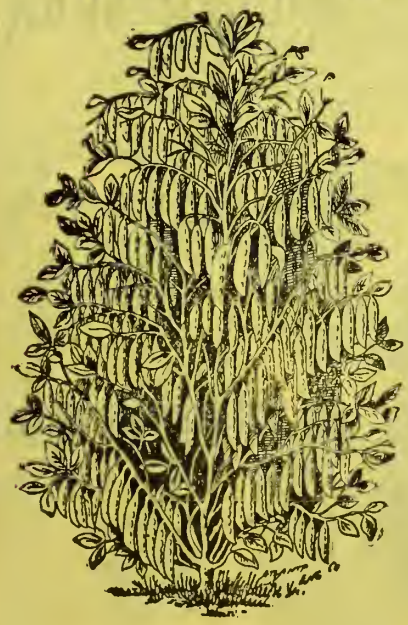
Jas. J. H. Gregory & Son, of Marblehead, Mass., recommend it for *second* early and says; **Perry's Hybrid** has proved to be very early, and a remarkably large-eared sort for one so early. Also note the verdict of all the leading seedsmen and gardeners who have tried it and have found it without an equal. We have a fine stock of it and price reasonable.

NEW SWEET CORN,

BURBANK'S EARLY MAINE

As early as Cory, larger and pure white. This candidate which appeals to the shrewd market gardener as well as every owner of a home garden plot, comes from the State whose name it bears and whose latitude is an indication of earliness in all vegetables. It has a pure white cob with a rich cream white kernel, sweet and juicy. Shows none of the red shade like Cory or Marblehead when cooked for the table. A fine ear, of good size, stalk medium, and on good soil often bears two ears. It is the result of six years careful selection. Experienced gardeners and others who have grown it for the past two years find it the largest white first early sweet corn they have grown. **Price per bushel, $4.00.**

JACKSON WONDER BEAN.



This new Bean grows from two to three feet high, and might be termed a combination Bean, as the pods, when young, are excellent used as snap-beans. After the pods become filled, they are used as a shell bean, by cooking them and serving in the same manner as the well-known Lima Bean.

This plant is a beautiful sight to look upon as it stands densely loaded with foliage and its broad, flat pods, containing three to four beautifully colored flat beans, similar to the Lima in shape. They are rich, marrowy and fine flavored, nutritious and healthful. Their flavor is superior to the Lima.

IMMENSELY PRODUCTIVE,

And being early, is adapted to all localities where any other bean will grow. It continues to bloom and bear until killed by frost. This new Bean is sold only by packet this season. **Per packet, 25 cents.**

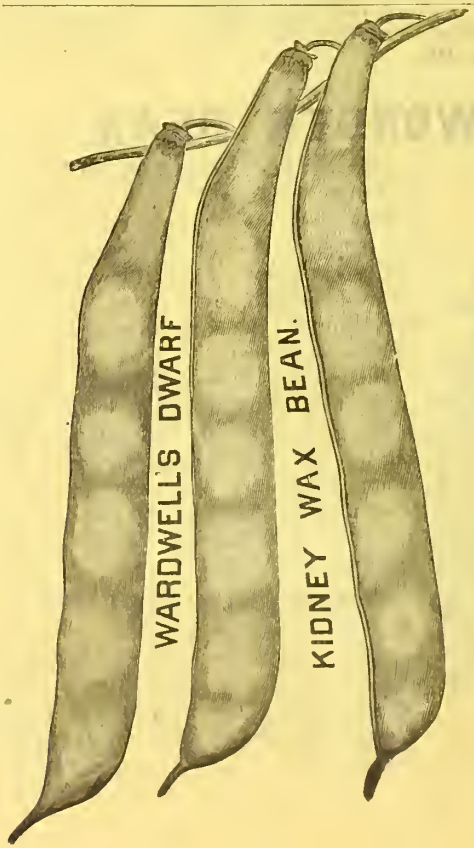
TELEPHONE PEA.

Garden Peas

Examine our list of garden peas, we have the finest stock ever in Syracuse, grown especially for our retail trade.

Mangles.

We import large quantities of Sugar Beet for making Sugar and Mangles for feeding, annually. Our prices will be found right. We quote special on large quantities.



WARDWELL'S

Kidney Wax.

—o—

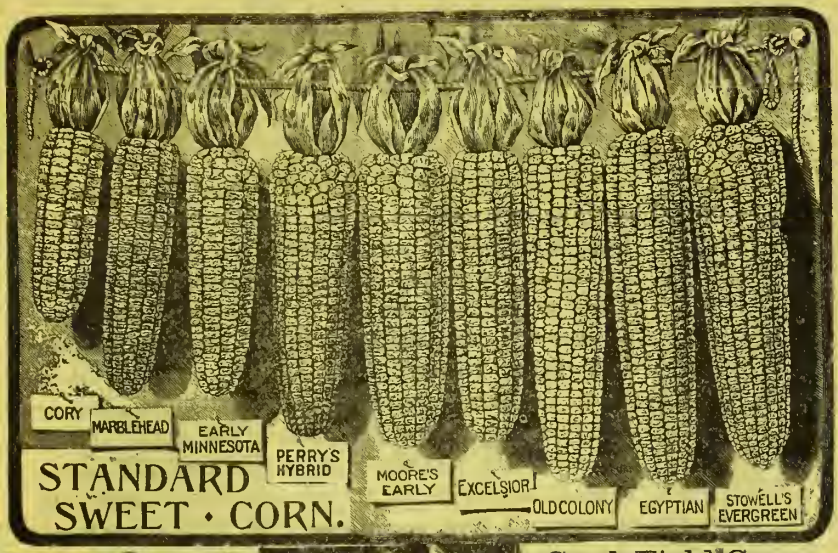
Vines of medium size, erect, hardy and productive.

Pods long, broad, flat and waxy yellow.

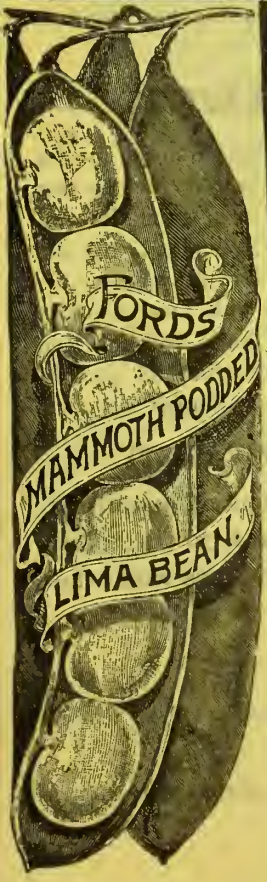
Are Entirely Stringless.

Beans white, with two shades of reddish purple more or less visible, and a distinct kidney shape.

Price 50 Cents per Quart.



Seed Field Corn.



CHOICE SELECTED

YELLOW GLOBE DANVERS

Examine our fine line of Cutlery.

Four Rowed Spring Rye.

Four Rowed Spring Rye.

Who ever saw Four Rowed Spring Rye? A few years ago we sold one of our customers some SPRING RYE and while it was heading out he discovered something peculiar in the shape of some of the heads, while nearly all were flat or two rowed there was occasionally one **square, long, very handsome and four rowed.** He selected carefully these square heads and has been growing them separately. The type seems to be well fixed. The grain has the appearance of common Spring Rye only differing in shape of head with double the kernels in each. We consider it a great acquisition. We have shown heads of this Four Rowed Rye to some of the best growers in the State and they pronounce it a

NEW VARIETY.

The culture of Spring Rye has been limited for the past ten years, partly owing to scarcity, or the low price of grain, but now the straw is in great demand and the sale of straw and grain together brings the crop as profitable as anything the farmer can grow.

Spring Rye is profitable to sow with Oats, you can get the average crop of Oats per acre, and the Rye growing so much taller does not obstruct its growth. hence you get the Rye extra. Every farmer

SHOULD TRY THE NEW VARIETY.

We offer it this year in limited quantities. 1 lb. package by mail, post paid, 30 cts.; 3 lbs, post paid, 75 cts. If sent by express with other seeds the cost of postage will be deducted.

———o———

We expect a fine crop of common Two Rowed Spring Rye at a nominal price.

For Pocket Cutlery, Scissors and Shears, call on us.

We offer this new Wax Bean grown by W H. GRINNELL, of Pierrepont Manor, N. Y., one of the most reliable seed growers in Northern New York. Of this new Wax Bean he says: "I consider this bean the earliest, most productive and decidedly more *free from rust* than any other variety of Wax Beans." We would recommend this Bean to every market gardener.

TRADE MARK

1000 Tons of it used with Safety to Man and Beast.

WHAT IS SLUG SHOT?

Slug Shot is an impalpable powder, a combination of insecticides, poisonous to insects preying upon vegetation, *and withal an excellent fertilizer*, affecting nearly all classes of insect life, so that they either die, or leave for parts unknown.

It Kills the Potato Bugs in all stages of their growth, *but not the eggs.*

It Kills the Black Fleas on Cabbage, Turnips, Beets, Radishes, and Egg Plants. Apply by dusting over the plant.

It Kills the Cabbage Worm and also the Currant and Gooseberry Worm. The Aphis or Green Fly on Roses and other Flowers.

Has Prevented the Ravages of the Curculio and Canker Worm on Fruit Trees; has likewise been used around Beans, Melons, Squash, &c., to the detriment of the ravages of the Cut Worms.

Keeps the Striped Bugs from all Vine Crops. For full information and testimonials from all sections of the United States, send stamp for the pamphlet: **"Hammond's Slug Shot and Its Uses."** Slug Shot is put up in tin canisters, 25 cents; also in 5 and 10 lb. bags, and in flour bbls. loose, that contains 235 lbs. each. It is applied by duster or bellows. The price for a five pound package, 30 cts.; ten pound package, 50 cts.; 100 lbs. 4½ cts.; full barrel, in bulk, 4 cts. per pound.

WE WILL MEET ANY PRICES GIVEN TO GRANGERS ON SAME CLASS OF GOODS.

Flower Seeds.

KEY TO CULTURE.

A. Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf-mould or well rotted manure, making the surface fine and smooth.

B. Sow in gentle heat, in a well-drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May but will not flower so early. Transplant or thin out before the plants get too large.

C. Sow from April to June or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weeds, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

D. Sow in Spring in a well drained pot or well prepared hot-bed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplanting when ground is in proper condition, or in open ground after May 10 for late flowers.

E. Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

F. Sow any time, in a pot prepared as follows: Let the pot be one-third full of drainage or broken charcoal; over that rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand; water with fine sprinkler; scatter the seed thickly over the surface. covering very lightly; keep from direct rays of the sun. As soon as the plants show the third leaf transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other they should be transplanted singly into small pots and keep them in a cool airy part of the greenhouse near the glass. Re-pot them when necessary.

The following portion of our catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

KEY TO COLUMNS.

The 1st col. contains the name of the flower.
The 2d " " hardiness and duration.
The 3d " " height in feet.
The 4th " " color of flower.
The 5th column contains culture.
The 6th " " price per packet.
The 7th " " general observations.

KEY TO ABBREVIATIONS.

b.,	blue.	dk.,	dark.	mve.,	mauve.	spot.,	spotted.
bld.,	blood.	dp.,	deep.	mxd.,	mixed.	strl.,	striped.
blk.,	black.	gr.,	green.	or.,	orange.	sul.,	sulphur.
br.,	brown.	lav.,	lavender.	pur.,	purple.	vr.,	variegated.
bff.,	buff.	lf.,	leaf.	rose,	rose.	ver.,	vermillion.
car.,	carmine.	lt.,	light.	rd.,	red.	wht.	white
cr.	crimson.	mar.,	maroon.	scar.,	scarlet.	yel.,	yellow.

HARDINESS AND DURATION.

A.—Annual. lasting one year.
B.—Biennial, lasting two years.
P.—Perennial, lasting three or more years.
ev., evergreen.
g., greenhouse.
h., hardy.
h. h., half-hardy.
sh., shrub.

Use our Plant Food and Special Lawn Dressing.

SELECT FLOWER SEEDS.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora	hhP	6	green.	E	5	**Abobra.**—A beautiful variety of climbing Gourd, with elegant foliage.
Abronia umbellata	hhA	½	rose.	D	5	**Abronia.**—Trailing Verbena like flowers.
Aconitum napellus	hP	2	blue&w.	C	5	**Aconitum.**—Monkshood.
Acroclinium roseum	hhA	1	rose.	E	5	**Acroclinium.**—Pretty everlasting flowers; should be cut before fully expanded.
" album	"	1	white.	"	5	
Adlumia cirrhosa	hA	15	pink.	"	10	**Adlumia.**—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
Adonis æstivalis	"	1	scarlet.	"	5	**Adonis.**—Showy border flowers.
African Rose	..	..	.....	"	..	**African Rose.**—See Hibiscus.
Ageratum mexicanum	hA	1	blue.	B	5	**Ageratum.**—Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.
" Imperial Dwarf	"	½	"		5	
" nanum	"	½	"		5	
Agrostemma Cœli Rosa	"	1	rose.	A	5	**Agrostemma.**—Rose Campion.
Agrostis nebulosa	"	1	.....	A	5	**Agrostis.**—Very fine for dried grasses.
" pulchella	..	..	.....		..	
Alleghany Vine	..	..	.....	E	..	**Alleghany Vine.**—See Adlumia.
Alonsoa grandiflora	hhA	1½	scarlet.	E	5	**Alonsoa.**—Very showy in blossom and of graceful habit: excellent for bedding.
Alyssum maritimum (sweet)	hA	1	white.	"	5	**Alyssum.**—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.
" saxatile compactum	P	1	yellow.		5	
" Wierzbecki	"	1	w. & y.		5	
Amaranth	..	..	.....	"	..	**Amaranth.**—See Gomphrena.
Amaranthus bicolor ruber	hhA	3	var. lf.	"	5	**Amaranthus.**—Beautiful foliaged plancs. A. Salicifolius and Henderi form elegant pot plants for greenhouse or conservatory and are much used for bedding. A. caudatus is the well-known "Love lies bleeding." A. cruenthns is better known as "Princess' Feather," A. tricolor as "Joseph's Coat" and A. melan. as "Nun's Whipping Post."
" caudatus	"	3	"		5	
" cruenthus	"	2	"		5	
" melancohlicus ruber	"	1	"		5	
" salicifolius	"	3–5	"		10	
" Henderi (new)	"	4	"		10	
" tricolor	"	2	"		5	
Amethyst	..	..	.....	D	..	**Amethyst.**—See Browallia.
Ammobium alatum	hA	2	white.	E	5	**Ammobium.**—White everlasting flowers.
Anagallis grandiflora, Eugenie	hhA	1	b. & w.	B	5	**Annagallis.**—Poor Man's Weather Glass. Splendid for rock-work and borders.
" Napoleon III	"	1	crimson.		5	
" grandiflora, fine mixed	"	1	mixed.		5	
Anchusa augustifolia capensis	hP	2	blue.	C	5	**Anchusa.**—Splendid for bouquets; long bloomer, azure blue forget-me-not like flowers; blossoms first year from seed.
Angelonia grandiflora	hP	1½	blue.	"	10	**Angelonia.**—Blue flowers; sweet scented.
Animated Oat	..	..	.....	"	5	**Animated Oat.**—See Avena.
Antirrhinum majus	P	2	mixed.	B	5	**Antirrhinum.**—Snapdragon. Will bloom first season.
" majus nanum picturatum	..	..	"			
Aquilegia, Single	P	1½	"	C	5	**Aquilegia.**—Columbine. Pretty and very desirable for early spring flowering.
" Double	"	1½	"		5	
Arctotis breviscapa	hhA	1½	orange.	B	5	**Arctotis.**—Large orange flowers with dark centre.
Argemone Hunnemanni	hA	2	car.&yel.	A		**Argemone.**—Mexican Poppy.
Artemesia gracilis	"	4	.....	"		**Artemesia.**—Highly decorative foliage plant.
Aristolochia Sipho	hB	30	y. & br.	D		**Aristolochia.**—Dutchman's Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.
Asperula azurea setosa	hA	1	blue.	A	5	**Asperula.**—Very sweet scented flowers and profuse bloomer.
" odorata	hP	½	white.		10	
Aster, German quilled	hA	2	mixed.	D	5	**Aster.**—The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the diffent varieties of Truffaut's Pæony-flowered and the New Washington Asters. The La Superbe varieties of the first-named are rightly termed, for in every respect they are truly superb.
" Dwarf Pyramidal Bouquet	"	1	"		10	
" Truffaut's Pæony-fl'd Perfection	"	2	"		10	
" " La Superbe	"	2	rose.		10	
" " "	"]	2	sky b. &w.		10	

Call for our Plant Food and Lawn Dressing.

Aster, Peony Flowered.

Cineraria.

Balsam Camelia Flowered.

Sweet Alyssum.

Aster Victoria.

We carry a large line of Sprinkling Pots.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe	hA	2	pure wht.	D	10	**Aster.** No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
" Dwarf Chrysanthemum	"	1	mixed.		15	
" Large Rose-flowered	"	2½	"		15	
" Cocardeau or Crown (w. centre)	"	2	various.		15	
" New Washington, white	"	2	white.		20	
" Perennial, fine mixed	....		mixed.		5	
Avena sterilis	hA	2	.....	C	5	**Avena.**—Animated Oats.
Balloon Vine	hhA	5	white.	B	5	**Balloon Vine.**—Love-in-a-puff; climbing plant for house or garden.
Balsam, Double Extra	hA	1½	mixed.	B	10	**Balsams.**—Our balsams have been selected with great care and we feel certain that they will please our customers.
" Double Rose flowered	"	2	"		10	
" Double Rose flowered, white	"	2	white.		10	
" Double Camellia flowered	hA	2	mixed.		10	**The Double Rose-flowered White Balsam** is of unequalled purity and in great demand among florists.
" New Carnation-striped	"	2	"		10	
" Double Solferino	"	2	w.,spt.,str.		10	
" " Victoria	"	2	w., sc. sp.		10	**The Double Victoria White Scarlet Spotted** is very delicate in color and will become a great favorite.
Bartonia aurea	hA	1	yellow.	E	5	
Bean, Scarlet Runner	"	15	scarlet.	A	5	**Bean.**—Climbers, bearing clusters of dazzling scarlet, and pure white flowers.
" White, "	"	15	white.		5	
Bellis Perennis, fl. pl	hP	¼	mixed.	C	5	**Bellis.—Double Daisy.**—Very handsome spring flowering plant.
Brachycome iberidifolia	hhA	1	mixed.	D	5	**Brachycome.**—Swan River Daisy.
Briza compacta	hA	1	.....	A	5	**Briza.**—Quaking Grass.
" maxima	"	1	.....		5	
Bromus brizæ formis	hP	1	.....	C	5	**Bromus.**—Ornamental Grass for winter bouquets.
Browallia elata	hhA	1½	mixed.	D	5	**Browallia elata.**—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets.
Bryonopsis laciniosa erythiocarpa	hhA	5	red	D	10	**Bryonopsis.**—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white.
Cacalia coccinea	hA	1½	scarlet.	E	5	**Cacalia.**—Tassel Flower.
Calampelis scabra	hhA	8	orange.	D	5	**Calampelis.**—A good climber, flower tube shaped.
Calandrina discolor	hA	1	rose.	E	5	**Calandrina.**—Very desirable for pot plant; also for rockeries.
" grandiflora	"	1	rosy pink.		5	
" umbellata	"	¼	crim.violet		5	**Calceolaria.**—Lady's Slipper. Saved from the very choicest varieties of the finest collections.
Calceolaria hybrida, large flowered	gP	2	mixed.	F	25	
" James' Prize splendid	"	1	"	"	25	
Calendula pluvialis	hA	1	w.b.und'th	A	5	**Calendula.**—Cape Marigold.
Calendula Officinalis "Meteor"	....	..	lt. orange.	"	10	**Calendula Off. Meteor.**
California Poppy	....	..	.....	E	5	**California Poppy.**—See Eschscholtzia.
Calliopsis Drummondi	hA	1½	pur. & yel.	"	5	**Calliopsis.**—Very showy and continues to bloom a long time.
" bicolor nana	"	1½	mixed.		5	**C. Drummondi** is admirably adapted for borders.
Callirrhoe pedata nana	"	2	mixed.	"	5	**Callirrhoe.**—Profuse bloomer, continuing throughout the season.
Campanula medium, single	hP	2	.....	C	5	**Campanula.**—Canterbury Bell, will bloom first year if sown early. **C. speculum,** Venus Looking Glass.
" " "	"	2	.....		5	
" speculum	hA	½	mixed.		5	
Canary Bird Vine	hhA	10	yellow.	D	10	**Canary Bird Vine.**—See Tropæolum canariense.
Candytuft	....	..	.....	E	5	**Candytuft.**—See Iberis.
Canna, Finest mixed	hhP	..	mixed.	D	5	**Canna.**—Indian Shot. **C. Nigricans** has very dark foliage. **C. Zebrina** has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
" Nigricans		..	red.		10	
" Zebrina			scarlet.		10	
Canterbury Bell	....	..	.....	C	5	**Canterbury Bell.**—See Campanula.
Cardinal Flower	....	..	.....	B	5	**Cardinal Flower.**—See Lobelia.
Cardiospermum Halicacabum	hhA	5	white.	"	5	**Cardiospermum.**—See Baloon Vine.
Carnation	....	..	.....	A	5	**Carnation.**—See Dianthus.
Castor Oil Bean	....	..	.....	D	5	**Castor Oil Bean.**—See Ricinus.
Catchfly	....	..	.....	E	..	**Catchfly.**—See Silene.

Begonia Froebeli.

Mimulus.

Phlox.

Celosia Cristata.

Alonsoa Myrtifolia.

Convolvulus.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Celosia, cristata nana	hhA	1	crimson.	B	5	**Celosia.**—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
" feathered	"	1	mixed.		5	
" japonica	"	2	scarlet.		10	
Centaurea candidissima	hhP	1	silver fol.	E	15	**Centaurea.**—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired. **C. moschata.**—Sweet Sultan. **C. cyanus.**—Batchelor's Button.
" gymnocarpa	"	1½	"		15	
" moschata	hA	2	blue.		5	
" cyanus	"	2	mixed.		5	
Centranthus macrosiphon	"	1½	red	E	5	
Chamæpeuce casabonæ	hhP	1	orn. fol.	D	10	**Chamæpuece casabonæ.**—Handsome thistle-like foliage plants with dark green leaves, veined with white.
Chrysanthemum, carinatum album	hA	..	white.	F	5	**Chrysanthemum.**—Free blooming flowers lasting late in the season, long after many other flowers are faded.
" idicum pompone, d'l fl'd	hhP	2	dbl. white.		10	**C. idicum pompone** is very double, pure white and a constant bloomer; excellent for cut flowers.
Cineraria hybrida choice mixed	gP	2	various.	"	25	**Cineraria.**—Beautiful compact flowering plants of crimson, magenta and purple colors.
Clarkia, best mixed	hA	1½	mixed.	E	5	
Clematis, fine mixed	hP	10	"	C	10	**Clematis.**—Fine climbing vines.
Clianthus Dampieri	A	2	sc. & blk.	A	25	**Clianthus.**—Should be started early in order to prove most successful. Flowers dazzling scarlet and black
Cobæa scandens	hhA	20	purple.	B	10	**Cobæa.**—To attain full growth should be started in pots. Very rapid climber.
Coccinia Indica	hhP	6	red.	C	10	**Coccinia.**—Gourd family. Fruit scarlet.
Cockscomb	....	..	.....	B	..	**Cockscomb.**—See Celosia.
Coix lacryma	hA	1½	.....	A	5	**Coix.**—Job's Tears.
Collinsia	"	1½	mixed.	E	5	**Collinsia.**—Purple, blue and white flowers; very pretty.
Columbine	....	..	.....	C	..	**Columbine.**—See Aquilegia.
Convolvulus major	hhA	10	finestmix'd	E	5	**Convolvulus Major.**—Morning Glory, tall; C. Minor, Morning Glory, dwarf.
" tricolor minor	"	1	"	D	5	
" Mauritanicus	hP	..	blue.	C	10	C. Mauritanicus for hanging baskets.
Coreopsis	....	..	.....	E	..	**Coreopsis.**—See Calliopsis.
Cosmanthus fimbriatus	hA	1	lilac & w.	"	5	**Cosmanthus.**—Flowers fringed and pretty, plant spreading.
Cosmidium Burridgeanum	"	2	cr.,br.&yel	"	5	**Cosmidium.**—Flowers large and showy, similar to Coreopsis.
Cucumis	hhA	6	fine mixed.	B	5	**Cucumis.**—Ornamental Cucumber. C. flexuosus.—Snake Cucumber, bearing fruit three feet long. C. dipsaceus.—Teasel-formed.
" flexuosus						
" dipsaceus, teasel-formed						
Cucurbita	hhA	6	fine mixed.	E	10	**Cucurbita.**—Ornamental Gourd. C. leucantha depressa.—Green Fruit. C. longissima.—Curious fruit five feet long.
" leucantha depressa	"	..	.....		10	
" " longissima	"	..	.....		10	
Cyclamen persicum	hhP	½	fine mixed.	B	50	**Cyclamen.**—Green house plants, very handsome bloomers.
Cypress Vine	....	..	.....	"	..	**Cypress Vine.**—See Ipomæa Quamoclit.
Dahlia, double	hhP	..	finestmix'd	E	5	**Dahlia.**—Saved from the largest flowering and most double sorts.
" single	hA *	..	"		10	
Daisy, double	....	..	.....	C	5	**Daisy.**—See Bellis.
Datura fastuosa, finest double	hA	3	mixed.	E	10	
Delphinium (Larkspur)	....	..	.....	C	..	**Delphinium cashmerianum.**
" double, dwarf rocket	hA	1½	.....		5	
" double branching	"	2	.....		5	**D. Giant Hyacinth fl'd.**
" Perennial sorts	hP	3–4	.....		5	**D. nudicaule.**—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
" nudicaule	"	1½	scarlet.		5	
" elatum	"	5	mixed.		5	
" formosum	"	2	blue&wht.	C	5	**Delphinium.**—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
Devil-in-a-bush	....	..	.....	A	5	**Devil-in-a-bush.**—See Nigella hispanica.
Diamond Plant	....	..	.....	B	5	**Diamond Plant.**—See Mesembryanthemum.
Dianthus, Pink	....	..	.....	C	..	**Dianthus barbatus.**—Sweet William, will bloom the first year if sown early. D. Chinensis, Chinese Pink.
" barbatus, single	hP	1½	mixed		5	
" " double	"	1½	white.		10	
" Caryophyllus (Carnation)	hhP	2	finestmix'd	F	25	**D. carnation grenadin.**—"For Florists' purposes and sale plant this fine and floriferous carnation is invaluable." "It blooms three weeks earlier than any other variety, and furnishes a profusion
" " Clove Pink	"	2	mixed.		10	
" " picotee	"	2	finestmix'd		25	
" " perpetual or tree	"	2	"		25	
" " grenadin	"	2	bril. scar.		15	

NAME.	Hardiness and Duration	Height. Feet	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Dianthus, chinensis fl. pl.	hA	1	mixed.	D	5	of charming double flowers of brilliant
" Imperial	"	1	"		10	scarlet. Being of dwarf and compact
" Heddewigi, double	"	1	finestmix'd		10	habit it is excellent for borders or
" " laciniatus	"	1	"		10	masses."
Digitalis, Foxglove, lutea	hP	3	mixed.	C	5	**Digitalis, Foxglove.**—Stately and ornamental growing plants; succeeding well in half shady places.
Dolichos Lablab	....	..	mixed.	A	..	**Dolichos.**—Rapid climbing plant, with
" Hyacinth Bean	hA	10	.....		5	large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.
Elichrysum monstrosum	hhA	2	mixed.	B	5	**Elichrysum.** — Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.
Eragrostis elegans	"	2	.....	B	5	**Eragrostis.**—Love Grass, for dried bouquets.
Erysimum Arkansanum	hA	1	yellow.	A	5	**Erysimum.**—Showy annuals for borders
" Peroffskiannm	"	1½	orange.		5	or masses.
Erianthus Ravennæ	hP	10	.....	C	10	**Erianthus.**—A superb grass, resembling Pampas grass.
Eschscholtzia californica	hA	1	yellow.	E	5	**Eschscholtzia.**—California Poppy.
Eucharidium grandiflorum	"	1	mixed.	"	5	**Eucharidium.**—Pretty flowering annuals
" "	"	2	white.		5	similar to Clarkia.
Euphorbia variegata	"	2	"	E	5	**Euphorbia.**—Variegated foliage.
Fenzlia dianthiflora	"	¼	rosy lilac.	"	10	**Fenzlia.**—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.
Feverfew	....	..	.....	E	5	**Feverfew.**—See Matricaria.
Forget-me-not	....	..	.....	D	5	**Forget-me-not.**—See Myosotis.
Four o'clock	....	..	.....	A	5	**Four o'cock.**—See Mirabilis.
Foxglove	....	..	.....	C	5	**Foxglove.**—See Digitalis.
Gaillardia picta	hhA	1½	yellow.	A	..	**Gaillardia.**—Very showy flowering plants,
" "	"	1½	mixed.		5	adapted for bedding, also charming for pot plants.
Gilia	hA	1	finestmix'd	A	5	
Gilly Flower	....	..	.....	B	5	**Gilly Flower.**—See Ten Weeks Stock.
Globe Amaranthus	....	..	.....	"	5	**Globe Amaranthus.**—See Gomphrena.
Gloxinia French hybrida, saved from choicest flowers	....	1	mixed.	F	50	**Gloxinia.**—Stove house plants of great beauty.
Godetia rubicunda	hA	1½	rose.	A	5	**Godetia.**—Excellent free blooming plants,
" finest mixed	"	1½	mixed.		5	very desirable for beds, borders and ribbons.
Golden Eternal Flower	....	..	.....	A	..	**Golden Eternal Flower.**—See Elichrysum.
Gomphrena globosa	....	..	.....	D	..	**Gomphrena.**—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place.
" " mixed	hhA	2	mixed.		5	Extensively used in Christmas Evergreen Wreaths.
Golden Featner	....	..	.....	A	..	**Golden Feather.**—See Pyrethrum.
Gourds	hhA	15	mixed.	E,	5	**Gourds.**—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.
Gynerium argenteum	hhP	12	silver.	F	5	**Gynerium.**—Pampas Grass.
Gypsophila elegans	hA	1½	white.	E	5	**Gypsophila.**—Fine airy flowers, suitable for bouquets; very nice for growing in masses.
Heartsease	....	..	.....	B	..	**Heartsease.**—See Viola tricolor maxima.
Helianthus macrophyllvs giganteus	hA	10	yellow.	E	5	**Helianthus.**—Sunflower. Tall growing
" californicus double	"	6	orange.		5	plants with immense yellow flowers.
" globosus fistulosus, fl. pl.	"	4	saf. color.		5	**Helianthus globosus fistulosus fl. pl.**
" nanus plena	"	2	dbl.yellow.		5	—Flowers very large and double.
Heliotropium, dark varieties	hhP	2	mixed.	F	10	**Heliotropium.**—Heliotrope.
Hibiscus africanus	hA	1½	sml.&black.		5	**Hibiscus.**—Commonly named African Rose.
Hollyhock, best double	hP	6	mixed.		10	**Hollyhock.**—Saved from the best double
" Chater's d'ble extra fine	"	6	"		10	sorts of the finest strains.
Honesty	....	..	.....		..	**Honesty.**—See Lunaria.
Hyacinth Bean	....	..	.....		5	**Hyacinth Bean.**—See Dolichos.
Iberis (Candytuft)	hA	1	mixed.		5	**Iberis.**—One of the best of annuals; ex-
" coronaria white rocket	"	1	white.		5	cellent for growing in masses, edgings,
" umbellata	"	1	"		5	borders, rockeries and rustic work.
" purpurea (Dunnett's)	"	1	dark crim.		5	**I. sempervirens,** or perennial Candytuft,

Candytuft.

Salvia.

Amaranthus Salicifolius.

Ipomea.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.		Per Pkt.	GENERAL OBSERVATIONS.
Iberis lilacina	hA	1	deep pur.	..	5	is perfectly hardy, flowering very early in
" sempervirens	hP	1	white.	..	5	the spring.
" pectinata odorata	hA	1	"		5	
Ice Plant	....	..	.....	..	..	Ice Plant.—See Mesembryanthemum.
Indian Shot	....	..	.....	..	..	Indian Shot.—See Canna.
Ipomæa bona nox	hhA	10	white.	..	5	Ipomæa bona nox.—Evening Glory.
" coccinea	"	10	scarlet.	..	5	1. coccinea.—Star Ipomæa. 1. grandiflora. — Variegated Morning Glory.
" marmorata grandiflora	"	10	variegated	..	5	
" quamoclit (Cypress Vine)	"	10	mixed.	..	5	1. quamoclit. — Cypresss Vine. An elegant and exceedingly graceful, fine foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
Jacobæa	....	..	.....	..	..	Jacobæa.—See Senecio.
Job's Tears	....	..	.....	..	..	Job's Tears.—See Coix lacryma.
Lady's Slipper	....	..	.....	..	..	Lady's Slipper. — See Calceolaria and Balsam.
Lantana, hybrida finest	hhP	2	mixed.	..	10	
Larkspur	....	..	.....	..	..	Larkspur.—See Delphinium.
Lathyrus odoratus (Sweet Pea)	hA	5	mixed.	..	5	Lathyrus. — Sweet Pea. Fragrant and
" Painted Lady		5	rose & wh.	..	5	profuse flowering climbing plants con-
" Everlasting Pea	hP	5	.....	..	5	tinuing in blossom throughout the season.
" white		5	.....	..	5	The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants. Our seed is saved only from the very finest sorts cultivated, and are true to name.
Lavender	....	..	.....	..	5	Lavender.—See Lavendula.
Lavendula	hP	2	violet.	..	5	Lavendula. — Well-known old-fashioned flower, highly prized for its peculiar odor.
Leptosiphon hybridus, French	hA	¼	various.	..	10	Leptosiphon. — Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
Linaria cymballaria	hP	..	lavender.	..	10	Linaria.—Kenilworth or Coliseum Ivy.
" Finest mixed	hA	1	mixed.	..	5	
Linum grandiflorum rubrum	hP	1	splen. scar.	..	5	Linum.—Scarlet Flax.
Loasa hispida	hA	..	golden yel.	..	5	Loasa.—Climbers, with curious flowers.
" tricolor	"	..	yel. shaded	..	5	
Lobelia cardinalis Queen Victoria	hP	2	scarlet.	..	10	Lobelia cardinalis.—Cardinal Flower.
" erinus gracilis	hA	½	dark blue.	..	5	With darkest leaves, very beautiful. L.
" " speciosa Crystal Palace.	"	½	"	..	10	speciosa.—One of the most effective
" erecta	"	½	.....	..	10	varieties for bedding. L. erecta.—Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
Lophospermum scandens	hhA	10	mixed.	..	15	Lophospermum. — Beautiful climbing plant, with very large trumpet-shaped flowers.
Love-in-a-mist	....	..	.....	..	..	Love-in-a-mist.—See Nigella hispanica.
Love-in-a-puff	....	..	.....	..	..	Love-in-a-puff.—See Balloon Vine.
Love-lies-bleeding	....	..	.....	..	..	Love-lies-bleeding. — See Amaranthus caudatus.
Lunaria annua	hB	2	purple.	..	5	Lunaria.—Honesty.
Lupinus finest annual sorts mixed	hA	2	mixed.	..	5	Lupinus. — Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
Lychnis Haageana Fine Hybrid	hP	1	scarlet.	..	5	Lychnis.—Ragged Robbin.
Maize Japanese	hA	4	striped leaf	..	5	Maize. — Striped Japanese Corn. Very
Malope grandiflora	"	1½	mixed.	..	5	ornamental.
Marigolds	....	..	.....	..	..	Marigolds.—See Tagetes.
Martynia fragrans	hhA	1½	crimson.	..	5	
Marvel of Peru	....	..	.....	..	..	Marvel of Peru.—See Mirabilis.
Matricaria capensis fl. pl	hhP	1	white.	..	5	Matricaria.—Feverfew; dwarf and very double. M. par.—See pyrethrum.
Maurandia Barclayana	hhP	10	.....	..	10	
" finest colors	"	10	mixed.	..	10	
Mesembryanthemum crystallinum	hA	½	white.	..	5	Mesembryanthemum. — Ice Plant. Diamond Plant.
Mignonette	....	..	.....	..	..	Mignonette.—See Reseda.
Mimosa pudica	hhA	2	pink. wht.	..	5	Mimosa.—Sensitive Plant.
Mimulus cardinalis	hhP	1	scarlet.	..	5	Mimulus cardinalis.—Monkey Flower;
" tigrinus	"	1	spotted.	..	10	will bloom the first season from seed.

Verbena.

Marigold, African.

Gourds.

Marigold, French.

Scabiosa.

Lobelia Erinus.

NAME.	Hardiness and Duration	Height. Feet.	Color of Flower.		Per Pkt.	GENERAL OBSERVATIONS.
Mimulus moschatus	hhP	½	yellow.	..	10	They like a damp, shady situation. **M. moschatus.**—Musk Plant.
Mirabilis Jalapa	"	2	finestmix'd	..	5	**Mirabilis.**—Marvel of Peru; Four o'clock
Momordica balsamina	hhA	10	yellow.	..	5	**Momordica.** — Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine intenor.
Monkey Flower	....	..	.....	..	10	**Monkey Flower.**—See Mimulus.
Morning Glory	....	..	.....	..	5	**Morning Glory.**—See Convolvulus major.
Mourning Bride	....	..	.....	..	5	**Mourning Bride.**—See Scabiosa.
Mukia scabrella	A	10	sc. fruit.	..	10	**Mukia.**—Handsome Climber, with scarlet berries,
Musk Plant	....	..	.....	..	..	**Musk Plant.**—See Mimulus.
Myosotis alpestris cœrulea	hP	⅛	blue.	..	5	**Myosotis.**—Forget-me-not; thrives best in
" azorica	hhP	½	dark blue.	..	10	moist and shady situations.
" palustris	hP	½	blue.	..	10	
Myrsiphyllum asparagoides	gP	10	foliage orn.	..	20	**Myrsiphyllum.**——Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
Nasturtium	....	..	.....	..	..	**Nasturtium.**—See Tropæolum.
Nemesia	hA	1	mixed.	..	10	**Nemesia.**—Compact growing and immensely profuse flowering.
Nemophilla insignis	"	1	mixed.	..	5	**Nemophilla.**—Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
Nicotiana atropurpurea grand	hhA	8	purple.	..	10	**Nicotiana tabacum fol. var.**—New,
" tabacum fol. var	"	8	str. leaf.	..	10	striped leaves.
Nigella damascena, fl. pl	hA	1½	dark blue.	..	5	**Nigella.**—Devil-in-a-bush. **N. hispanica.**—Love-in-a-mist.
" hispanica	"	1½	purple.	..	5	
Nolana atriplicifolia	"	1½	mixed.	..	5	**Nolana.**—Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post	....	..	.....	..	..	**Nun's Whipping Post.**—Amaranthus melancholicus.
Œnothera grandiflora Lamarckiana	hP	3	yellow.	..	5	**Œnothera.**—Evening primrose; large flowers three to four inches in diameter.
Pansy	....	..	.....	..	..	**Pansy**—See Viola tricolor.
Papaver carnation double	hA	2	mixed.	..	5	**Papaver.**—Poppy; brilliant flowers, large and showy.
Peas, Sweet	....	..	.....	..	..	**Peas, Sweet.**—See Lathyrus odoratus.
Pentstemon hybridus	hP	2	mixed.	..	25	**Pentstemon.**—Herbaceous plants; start in hot-bed, in shape the flowers resemble the Gloxinia, and are of great beauty.
Perilla nankinensis	hhA	2	foliage orn.	..	5	**Perilla.**—Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
Petunia grandiflora Kermesina	hhP	2	crimson.	..	25	**Petunia grand. kermesina.**—With
" " maculata Inimitable.	"	2	blotched.	..	25	white throat; very large. **P. grand. maculata.**—Large flowering; blotched. **P. grand. purpurea.**—Fine dark varieties; splendid. **P. splendid single.**—Saved from the choicest flowers; very large. **P. extra fine. — Double.**—The seed of this strain has been obtained from the most perfect double blooms only.
" " purpurea	"	2	purple.	..	25	
" " splendid single	"	2	mixed.	..	25	
" " extra fine, double	"	2	"	..	50	
" " fimbriata, splendid mixture, fringed varieties	....	..	.....	..	50	
Petunia hybrida, extra fine	hhP	2	mixed.	..	10	
" " grandiflora fimbriata, fl. pl., splendid mixture	"	2	mixed.	..	50	**Petunia grand. fim. splendid mixture, fringed varieties.**
Petunia hybrida, first quality	"	2	"	..	10	
" nana, compacta multiflora	....	..	.....	..	10	**Petunia hyb. grand. fimbriata, double splendid mixture.**
" nyctaginiflora	hhP	2	white.	..	5	**Petunia n. com. mult.**
Phlox Drummondi	hA	1	finestmix'd	..	5	**Phlox.**—Excellent for bedding in masses or
" " alba	"	1	white.	..	5	for borders, flowering in great profusion.
" " alba oculata	"	1	wht. & pur.	..	5	**Alba aculata.**—White, with purple eye.
" " coccinea	"	1	scarlet.	..	5	**Atropurpurea.** — Black warrior, deep
" " Radowitzki	"	1	rosestriped	..	5	blood purple. **Coccinea.**—Brilliant scarlet.—**Leopoldi.**—Bright rose, white eye.
" " Leopoldi	"	1	rose & wht.	..	5	**Radowitzki.** — Rose striped. **Queen Victoria.**—Blue, white eye.
" " Queen Victoria	"	1	blue & wht.	..	5	
Poppy	....	..	.....	..	..	**Poppy.**—See Papaver.
Poor Man's Weather Glass	....	..	.....	..	..	**Poor Man's Weather Glass.** — See Anagallis.
Portulaca finest single	hA	½	mixed.	..	5	**Portulaca.** — Beautiful showy annuals,
" grandiflora d'ble, ex. qual.	"	½	"	..	15	blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of Portulacas will

Good Seed and Fertilizers make beautiful Lawns. We have both.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.		Per Pkt.	GENERAL OBSERVATIONS.
Portulaca	....	..	.....	..		seed itself for a number of years in succession, being naturally adapted to our climate.
Primula sinensis	hhP	¾	mixed.	..	25	**Primula.**—Should be sown in under glass
" " **fimbriata**	"	¾	"	..	50	in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction.
Pyrethrum parthenifolium aurea	hP	1	foliage yel.	..	10	**Pyrethrum.**—Golden Feather, or Feverfew.
" **Golden Feather**	....	..	....	..	10	**P. fol. lac.**—Splendid acquisition
" **parth. aurea fol. laciniatis**	hP	1	foliage yel.	..	20	with elegant laciniated foliage.
Quaking Grass	....	..	.....	..	5	**Quaking Grass.**—See Briza.
Ragged Robin	....	..	.....	..	5	**Ragged Robin.**—See Lychnis.
Reseda odorata	hA	1	buff.	..	5	**Reseda.**—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly. Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
" " **ameliorata**	"	..	red.	..	5	
" " " **Golden Queen**	....	..	yellow.	..	10	
" " **Miles' New Spiral**	hA	1½	buff.	..	10	
" **gigantea pyramidalis**	"	2	"	..	10	
" **Parson's New White**	"	1½	white.	..	10	
Rhodanthe maculata	hhA	1	crimson.	..	10	
" " alba	"	1	white.	..	10	
Ricinus borboniensis arboreus	"	15	orn. fol.	..	5	**Ricinus.** — Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a subtropical effect is desired.
" giganteus glaucus	"	10	"	..	5	
" Gibsoni	"	8	"	..	5	
" sanguineus (Obermanni)	"	10	"	..	5	
" species from the Philippines	"	10	"	..	5	
" dwarf rose	"	4	"		5	
Rose Campion	....	..	.....	..	5	**Rose Campion.**—See Agrostemma.
Rose of Heaven	....	..	.....	..	5	**Rose of Heaven.**—See Viscaria.
Rose of Sharon	....	..	.....	..	5	**Rose of Sharon.**—See Hibiscus.
Salpiglossis variabilis, fine mixed	hhA	2	mixed.	..	5	**Salpiglossis.**—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
Salvia coccinea splendens	hhA	2	scarlet.	..	10	**Salvia.**—Brilliant and exceedingly useful
" **splendens**	hhP	3	"	..	25	for back-ground bedding purposes. **S. splendens** is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
" **patens**	"	2½	blue.	..	25	
" **argentea**	hhA		silver.	..	25	
Sanvitalia procumbens, fl. pl	hA	½	yellow.	..	5	**Sanvitalia.**—Flowers bright yellow and very double.
Saponaria	"	½	mixed.	..	10	**Saponaria.**—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
Scabiosa atropurpurea major	hA	2	fine mixed.	..	5	**Scabiosa.**— Mourning Bride, or Sweet
" **atro. candidissima**	"	1	pure white.	..	10	Scabiosa. **S. atro. cand.** — Excellent
" **minor, fl. pl**	....	..	fine mixed.	..	10	for cutting for bouquets.
Schizanthus, finest	hA	1	mixed.		5	
Sedum coeruleum	"	¼	blue.	..	10	**Sedum.**—Stone crop.
Senecio double	"	1	finestmix'd	..	10	**Senecio.**—Jacobæa.
" " **dwarf**	"	½	"	..	10	
Sensitive Plant	....	..	.....	..	5	**Sensitive Plant.**—See Mimosa.
Silene armeria	hA	2	fine mixed.	..	5	**Silene.** — **Catch-fly.** — Dwarf compact growing edging plants, literally covered with blossoms.
Smilax	....	..	.....	..	..	**Smilax.**—See Myrsiphyllum.
Snapdragon	....	..	.....	..	..	**Snapdragon.**—See Antirrhinum.
Solanum capsicastium	hhP	..	sc. fruit.	..	10	**Solanum capsicastium.** — Jerusalem
" **Lobeli**	....	..	.....	..	10	Cherry.
Statice sinuata hybrida	hP	1	mixed.	..	5	**Statice.** — Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
Stipa pennata	hP	2	.....	..	5	**Stipa.**—Feather Grass.
Stocks, ten weeks (Mathiola)	....	..	.....	..	..	**Stocks, Ten Weeks, or Gilliflower.**—
" **double dwarf German**	hhA	1½	mixed.		5	This is one of the most popular flowers
" " " **large flowering**	"	1	"	..	10	cultivated whether for borders, masses,
" " "	"	1	pure white.	..	10	hanging baskets or pot culture. Its
" " "	"	1	purple.	..	10	bright colors and spicy fragrance render
" " "	"	1	dark crim.	..	10	it an object of universal admiration.
" " "	"	1	scarlet.	..	10	**Double Dwarf**; have very compact
" " "	"	1	canary yel.	..	10	spikes of flowers and throw out many
" **large flow'ing pyramidal dwarf**	"	1	mixed.	..	10	side shoots. The **Large-Flowered**
" **Winter, or Brompton**	hB	2	"	..	10	are very similar, only the flowers are
" **Emperor, or Perpetual**	hhP	1½	"	..	10	larger.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.		Per Pkt.	GENERAL OBSERVATIONS.
Sunflower	....	..	.....	..	..	Sunflower.—See Helianthus.
Swan River Daisy	....	..	.....	..	..	Swan River Daisy.—See Brachycome.
Sweet Alyssum	....	..	.....	..	..	Sweet Alyssum.—See Hesperis.
Sweet Pea	....	..	.....	..	..	Sweet Pea.—See Lathyrus.
Sweet Rocket	....	..	.....	..	..	Sweet Rocket.—See Hesperis.
Sweet Sultan	....	..	.....	..	..	Sweet Sultan.—See Centaurea.
Sweet William	....	..	.....	..	..	Sweet William.—See Dianthus.
Tagetes double African	hhA	2	mixed.	..	5	Tagetes.—Marigold; good old-fashioned flowers, very popular.
" " French	"	1½	"	..	5	
" " signita pumila	"	1	br. & yel.	..	5	
Tassel Flower	....	..	.....	..	..	Tassel Flower.—See Cacalia.
Thunbergia, finest	hA	6	mixed.	..	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens	"	2	.....	..	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea	hhA	4	mixed.	..	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria	hP	4	orange red	..	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense	hhA	10	yellow.	..	10	Tropæoleum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and and we recommend them very highly.
" Lobianum Brilliant	"	6	dark scar.	..	10	
" " Crown Prince of Prussia	"	6	blood red.	..	10	
" " Giant des Batailles	"	6	carmine.	..	10	
" " Lilli Smith	"	6	crimson.	..	10	
" " Napoleon III	"	6	ver. striped	..	10	
" " Lucifer (very rare)	"	6	cri. dk. fol.	..	10	
" " Roi des Noirs	"	6	almost blk.	..	10	
" " Spitfire	"	6	bright scar.	..	10	
" " finest varieties	"	6	mix. colors.	..	5	
" majus atropurpureum	"	6	black bro'n	..	10	
" " coccineum	"	6	scarlet.	..	10	
" " lutem	"	6	yellow.	..	5	
" " regelianum	"	6	pur. violet.	..	10	
" cœruleo roseum	"	6	d. rose.	..	10	
" majus, finest varieties	hhA	6	mixed.	..	5	
" Tom Thumb, Carter's scarlet	hA	1	scarlet.	..	10	
" " Crystal Palace Gem	"	1	sul. col. spt.	..	10	
" " King of Tom Thumbs	"	1	dp. scarlet.	..	10	
" " King Theodore	"	1	very dark	..	10	
" " Pearl	"	1	nearly wht.	..	10	
" " Ruby King (new)	"	1	carmine.	..	10	
" " luteum	"	1	bright yel.	..	10	
" " cœruleo roseum	"	1	mar. tint.	..	10	
Venus' Looking Glass	....	..	.....	..	..	Venus' Looking Glass.—See Campanula speculum.
Verbena hybrida, choice named col's	hhP	..	mixed.	..	15	Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca	hhA	½	blue & wht.	..	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
" " fl. albo	"	½	white.	..	5	
Vinca rosea	g sh.	2	rose.	..	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
" alba	g sh.	2	white.	..	10	
Viola tricolor maxima, Pansy, finest	hP	½	mixed.	..	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
" " " very large flow'g	"	½	"	..	5	
" " " candidissima	"					
" " " Snow Queen	"	..	white.	..	20	
" Emperor William	"	½	deep blue.	..	10	
" Faust, or King of the Blacks	"	½	coal black.	..	10	
" Odier, or five blotched	"	½	various.	..	10	
" Gold-margined	"	½	mer. with y	..	10	
" Violet color margined	"	½	mar. with w	..	15	
" White Treasure	"	½	pure white.	..	15	
" Yellow	"	½	pure yel.	..	15	
" good quality	"	½	mixed.	..	5	
" odorata. The Czar (Violet)	"	¼	blue.	..	25	
Viscaria hybrida splendens	hA	1–2	mixed.	..	5	Viscara.—Flowers maroon, pink, carmine and rose.
Waltzia grandiflora	hA	1	yellow.	..	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower	hhP	1½	mixed.	..	10	Wallflower.—Cheiranthus.
Whitlavia grandiflora alba	hA	1½	white.	..	5	
" "	"	1½	purple.	..	5	
Wigandia caracasana	hhS	8	or. leaf.	..	10	Wigandia.—Elegant, stately, ornamental plants.
" vigleri	"	8	"	..	10	

Use our special Lawn Dressing and avoid foul weeds.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Xeranthemum	hA	2	mixed.	10	Xeranthemum — Everlasting flowers, useful for summer or winter bouquets.
Zea Japonica	"	6	strip'd leaf.	5	Zea Japonica—See Maize.
Zinnia elegans fl. pl.	Ahh	2	mixed.	5	Double Zinnia — Of rare beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

NAME.	Hardiness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Agrostis nebulosa	hA	1	.....	5	Avena—Animated Oats.
Avena sterilis	"	2	.....	5	Briza—Quaking Grass.
Briza compacta	"	1	.....	5	Coix lacrymus—Job's Tears.
" maxima	"	1	.....	5	Eragrostis—Love Grass.
Bromus brizæformis	"	1	.....	5	Erianthus—Beautiful and very showy.
Coix lachryma	"	1½	.....	5	Gynerium—Pampas Grass.
Eragrostis elegans	"	1	.....	5	Stipa—Feather Grass.
Erianthus Ravennæ	hP	10	.....	10	Zea—Japanese Maize (striped leaves).
Gymnothrix latifolia	hhP	8	.....	5	
Gynerium argenteum	"	8	.....	5	
Stipa pennata	hA	1½	.....	5	
Zea Japonica	"	6	.....	5	

CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora	hhP	6	green.	5	Abobra — Ornamental Gourd, with elegant foliage and scarlet fruit.
Adlumia cirrhosa	hB	15	pink.	10	Adlumia—Mountain Fringe.
Aristolochia sipho	"	20	yel. & bro.	10	Aristolochia—Dutchman's Pipe.
Beans	hA	15	various.	5	Beans—Scarlet and White Runners.
Bryonopsis erythrocarpa	hhA	5	red.	10	Bryonopsis — Ornamental Gourd, striped, beautiful.
Balloon Vine		5	.....	5	Balloon Vine.
Calampelis scabra	"	8	orange.	10	Calampelis—Excellent for trellises.
Canary-bird-flower	"	10	yellow.	5	Canary-bird-flower — See Tropæolum canariense.
Cardiospermum halicacabum	"	10	white.	5	Cardiospermum—Balloon Vine.
Clematis	hP	10	mixed.	10	Coccinea—Ornamental Gourd with scarlet fruit.
Cobaea scandens	hhA	20	purple.	10	Convolvulus—Morning Glory.
Coccinea indica	hhP	6	red.	5	Cucumis—Ornamental Cucumber.
Convolvulus major	hhA	10	mixed.	10	Cucurbita — Ornamental Gourds, very desirable for screens.
" mauritanicus	hP	trail	blue.	15	
Cucumis	hhA	10	mixed.	10	
Cucurbita	....	..	.....	5	
" Hercules' Club	hhA	16	yellow.	5	
" Mock Orange	"	16	"	5	
" Powder Horn	"	16	"	5	
" Smallest Lemon	"	6	"	5	
" " Gooseberry	"	6	"	5	
" Pear-shaped	"	6	"	5	
Cypress Vine	....	10	.....	5	Cypress Vine—Ipomea quamoclit.
Dolichos lablab, Hyacinth Bean	hA	10	purple.	5	
" " " "	"	10	white.	5	
Ipomæa bona nox	hhA	10	"	5	Ipomea bona nox—Evening Glory. I. coccinea—Star Ipomea. I. marmorata grandiflora — Variegated Morning Glory. I. quamoclit—Cypress Vine.
" coccinea	"	10	scarlet.	5	
" marmorata grandiflora	"	10	variegated.	5	
" **quamoclit Cypress Vine**	"	10	mixed.	5	

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Ipomæa quamoclit	hhA	10	scarlet.	5	
" "	"	10	white.	5	
" "	"	10	rose.	5	
Maurandia barclayana	hhP	10	blue&wht.	10	
" finest colors	"	10	mixed.	10	
Momordica balsamina	hhA	10	yellow.	5	
Nasturtium Tall, finest colors	"	6	mixed.	5	Nasturtium—Tropæolum majus.
"	"	6	scarlet.	10	
"	"	6	rose tinted.	10	
"	"	6	violet.	10	
"	"	6	yellow.	5	
Peas, Sweet, finest colors	hA	9	mixed.	5	Peas, Sweet—See Lathyrus odoratus.
" Capt. Clarke	"	9	tricolor.	5	
" Crown Princess of Prussia	"	9	blush.	5	
" Invincible	"	9	scarlet.	5	
" Red	"	9	dark.	5	
" White Striped	"	9	purple.	5	
" " "	"	9	red.	5	
" Light Blue	"	9	purple.	5	
" Pure White	"	9	.....	5	
Thunbergia	hA	6	mixed.	5	

EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses are applicable to Everlasting Flowers.

NAME.	Hardiness and Duration.	Height, Feet	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Acrolinium roseum	hhA	1	rose.	5	
album	"		white.	5	
Ammobium alatum	hA	2	"	5	
Gomphrena globosa	hhA	2	red.	5	Gomphrena—Globe Amaranthus.
" "	"	2	white.	5	
" "	"	2	striped.	5	
" "	"	2	mixed.	5	
Helichrysum monstrosum	hA	2	white.	5	Helichrysum—Elichrysum, or Eternal Flower.
" "	"	2	yellow.	5	
" "	"	2	rose.	5	
Rodanthe maculata	hhA	1	"	10	
" " alba	"	½	white.	10	
Xeranthemum	hA	2	mixed.	5	

List of Flower Seeds Suitable for Hanging-Baskets, Vases, and Window Boxes.

NAME.	Color of Flower.	Per Pkt.	NAME.	Color of Flower.	Per Pkt.
Ageratum Mexicanum	blue.	5	Mesembryanthemum, Ice Plant	mixed.	5
Alyssum, Sweet	white.	5	Mimulus, moschatus, Musk Plant	yellow.	10
Anagallis	mixed.	5	Nasturtium, dwarf	mixed.	5
Calandrina umbellata	crimson.	10	" T. lobbianum	"	10
Centaurea gymnocarpa	silver leaf.	15	Nemophila insignis	"	5
" candidissima	"	15	" maculata	"	5
Clintonia elegans	blue.	10	Nolana atriplicifolia	"	5
Convolvulus mauritanicus	lavender.	15	Petunia single	"	10
Eucharidium grandiflorum	crimson.	5	" double or fringed	"	50
Fenzlia dianthiflora	rosy lilac.	25	Portulaca double	"	15
Gilia tricolor	mixed.	5	Sanvitalia procumbens	yellow.	10
Iberis amara (Candytuft)	white.	5	Saponaria	mixed.	10
Linaria (Coliseum Ivy)	mixed.	5	Sedum coerulem	.....	10
Lobelia erinus	blue.	10	Stocks, large flowering	mixed.	10
" gracilis	"	10			

NEW AND DESIRABLE FLOWER SEEDS, ETC.,

Not in our Regular List.

Aquilegia Stuarti, "Extra." Flowers very large, four inches in diameter. 20 cts. per package.

Ageratum. Dwarf, new. 10 cts. per package.

Aster Comet. Colors various with long wavy petals full flower. 10 cts.

Aster, "Snowball." Pure white pompon shape flower, about 15 inches high. 20 cts. per package.

Harlequin Aster. Spotted and striped double, mixed. 25 cts. per package.

Mignon Aster. Pure white, small pompon flowers. 10 cts. per package.

New Victoria Aster. Mixed colors, tall, full flower, pyramidal shape. 10 cts.

Ball or Jewel Aster. Symmetrically incurved, the bloom a perfect ball. 25 cts. per package.

Calceolaria Hybrida Grandiflora. Extra fine greenhouse variety. 25 cts.

Ipomœa Noctiflora, Moon Flower, or Evening Glory should be sown as early as March and transplanted as soon as season will admit.

Ipomœa Noctiflora Hybrida. Black and white seeded, new. Said to open nearly one hour earlier in the evening, grows more rapidly than the above and flowers fully one inch larger in diameter, and handsomer in appearance every way.

Ipomopsis. A very beautiful plant, long spikes with scarlet and orange flowers, fine foliage, quite hardy, perennial, and suitable for dry situations.

Sweet Peas. Are very short crop this season ; the European crop almost an entire failure, the price will be necessarily higher.

Lathyrus Odoratus, "Sweet Peas." Imported by us annually.

" **Adonis.** Beautiful deep rose with wings almost carmine. 10 cts.
" **Apple Blossom.** Resembles the flower of apple blossoms very closely.
" **Boreatton.** Its flowers are a rich dark chestnut color. 10 cts.
" **Bronze Prince.** Rich chestnut color bronze Maroon. 10 cts.
" **Cardinal.** New, very beautiful. 10 cts. per package.
" **Crown Princess of Prussia.** Bright blush. 10 cts. per package.
" **Dutchess of Edinburg.** Autumn tints, variegated light scarlet, crimson tints, margined light. 10 cts. per package.
" **Imperial Blue.** Invincible blue, very fine. 10 cts. per package.
" **Imperial Black.** 10 cts. per package.
" **Indigo King.** "Purple Prince," very dark. 10 cts. per package.
" **Isa Eckford.** New, charming variety, flowers rosy pink shaded with carmine, creamy white. 10 cts. per package.
" **Orange Prince.** New, distinct and fine, rose colored wings and orange red standards.
" **Princess of Wales.** White with blue stripes. 10 cts. per pkge.
" **Queen of the Isles.** Mottled with white and purple. 10 cts.
" **Splendor.** Dark rose color shaded with crimson. 5 cts. per pkge.
" **Invincible Scarlet.** Striped fine. 5 cts. per package.
" " **Carmine.** New. 5 cts. per package.
" **Splendid Hybrid.** Mixed. 10 cts. per package.
" **The Blanche Ferry.** 10 cts. per package.

Mirabilis Longiflora or Jockey Club. Flower, very fragrant, similar to the perfumes whose name it bears, pure white, blooms from seed the first season until frost. Roots may be taken up and stored like Dahlias for the next season. 10 cts. per package.

Nicotiana Affinis. Pure white and very fragrant, *annual.* 10 cts. per pkge.

Primulas. "Carter's Holborn Prize," put up by the Carters in England, and sold by us in the original packages at 25 cts. each. Every package contains 12 different colors and shades.

Pyrethrum Roseum. Insect powder. 10 cts. per package.

Reseda Machet. Thick spikes with reddish flowers. 5 cts. per package.

Our mixture of Nasturtium Seed is the Finest in this country. Tall 10 cts. per oz. Dwarf 15 cts.

Tropæolum, "Nasturtium." Choice desirable named varieties.
" **Cloth of Gold.** Light foliage, dwarf. 5 cts. per package.
" **Empress of India.** Dwarf, dark leaved foliage. 5 cts.
" **Tricolor, (Jaratti) Grandiflora.** Dwarf. 5 cts. per pkge.
" **Asa Gray.** New, yellowish white, very fine. 5 cts.
" **Cardinal.** Dark scarlet, fine. 5 cts. per package.
" **Chaixianum.** Yellow, spotted with red, very fine. 5 cts.
" **Flammulun Grandiflorium.** Tall, scarlet and yellow extra fine 5 cts.

Zinnia, New Striped or Zebra Zinnias. Variegated pompon shaped flower. 10 cts. per package.
Zinnia Golden Yellow Striped Scarlet. 10 cts. per package.
Zinnia, Tom Thumb. New, dwarf, mixed, very double. 10 cts. per pkge.

GIANT PANSY.

Giant Pansies.

Giant Pansies.....per pkge 25c.
" " Five Spotted..... " 25c.
" " Ex. choice show... " 25c.
" " Splendid mixed, large " 10c.

Choice Poppies.

Papaver Glaucum or Tulip Poppy, pkge. 25c.
Shirly Poppy.....per pkge., 25c.
Cardinal Poppy..... " 25c.
Fairy Blush..... " 10c.

TUBEROUS-ROOTED BEGONIAS.

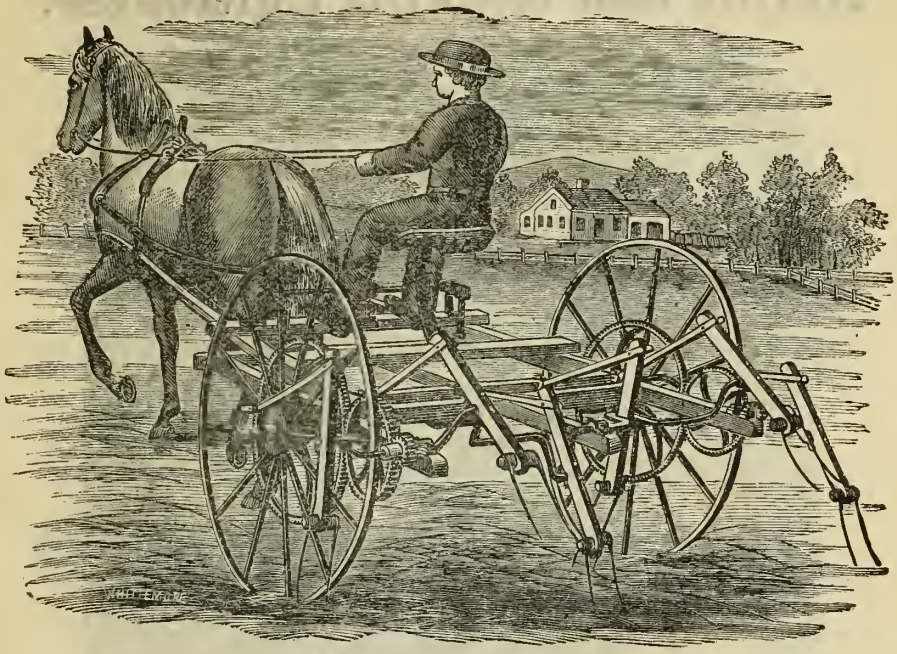
The Tuberous-Rooted Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color, and will bloom continuously throughout the summer, even when Geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the Geraniums with their rich and varied colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet. We have no hesitation in saying they are destined to play a very important part in the bedding of the near future. They bloom profusely when planted out on rock-work or in the open ground, and are a decided attraction.

Single, in colors, Bright Scarlet, Orange Scarlet, Crimson Scarlet, Pink, White, Yellow, 25 cts. each, $2.50 per doz , $15.00 per 100. Mixed Single, 20 cts. each, $2.00 per doz. Double, in colors, 40 cts. each, $4.00 per doz.

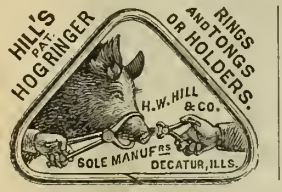
MIXED FLOWER SEEDS, FOR WILD GARDENS.

A splendid mixture of many varieties of beautiful free-blooming hardy flowers. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites, flower successively throughout the season. Price, per package, 10 cts.

BULLARD HAY TEDDER.



There is no investment a farmer makes that pays better than a **BULLARD HAY TEDDER.** Over twenty years in use and the first machines made still running. Belcher & Taylor are now making two sizes. *One* and *Two Horse*, with parts interchangeable. Price very much reduced. Give us your order early. We keep the extras always in stock.

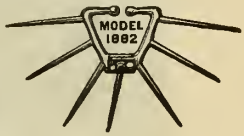


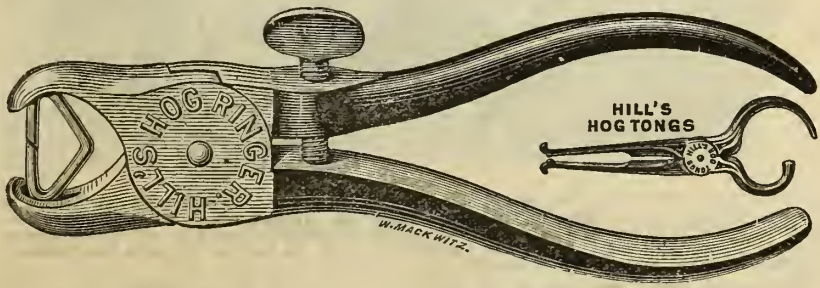
Calf Weaner.

No. 1.....30c.

Cow Weaner.

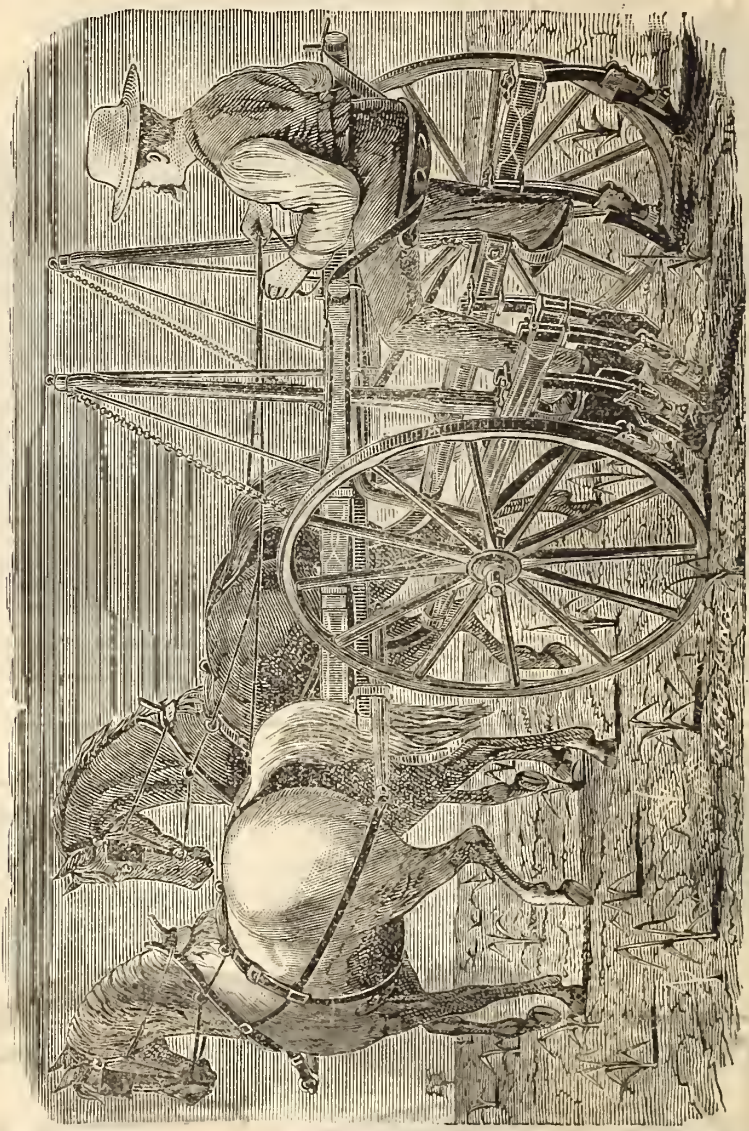
No. 2.....40c.





The Prices of HILL'S HOG RINGS, RINGING TOOLS, &c., have been reduced.

THE FREMONT
Riding and Walking Cultivator.



Works perfectly in Corn, Potatoes, Beans, &c. By placing in the center an extra tooth it makes a perfect land Cultivator, and with the **Harrow Attachment** is unequalled. Each tooth is provided with a wooden safety pin to prevent breaking in case the Cultivator comes in contact with any hard substance. Every Cultivator sold on its merits. We offer the Fremont complete, including center tooth, **$28.00**

Sold by the ***The Perry Seed Store.*** F. H. EBELING, Prop.

217 Warren Street, Syracuse, N. Y.

THE ECLIPSE
Vine and Plant Sprinkler.

(*Patented Oct.* 26, 1886, *and Improved for* 1888.)

A New and Valuable Improved Water Sprinkler, and Sifter Attachment.

Especially adapted for applying Paris Green, Water or Paris Green Powder Compounds, Plaster, Ashes, Etc., to Potato Vines and other Plants.

THE ECLIPSE SPRINKLER is now time-tried (over 30,000 in use) and thoroughly recommended as a universal necessity.

Price complete for Water and Plaster, $1.25
Water only, - - - - $1.00
(Three dozen, crated, weight about 100 pounds.)

We handle a full line of Spraying Pumps, hand size, and those that are used on barrels, price ranging from $1.00 to $8.00. It will pay you to spray your fruit trees and berry bushes. If you are not posted write us for Rumsey's Catalogue of **Insect Foes.** The Aquaject or Fire Extinguisher is used extensively to wash windows, wagons, or sprinkle flower beds,—it can be operated easily by one person.

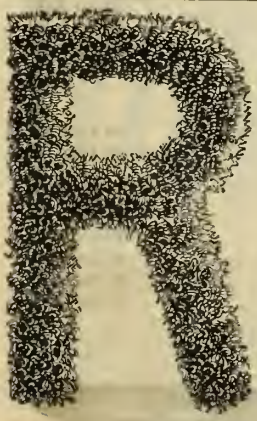
LEWIS'S COMBINATION FORCE PUMP,
PRICE $4.00

LEWIS'S IMPROVED POTATO BUG EXTERMINATOR,

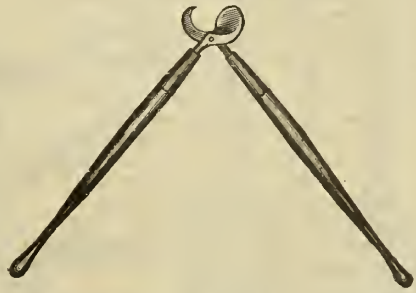
PRICE $1.00

No. 1 and 2 BRASS SYRINGES, $2.25, $3.00 to $4.50

ACCORDING TO THE EXTRAS WISHED.



LOPPING SHEARS.



The Finest in the Market. Price $1.00 to $3.50.

FLORISTS LETTERS.

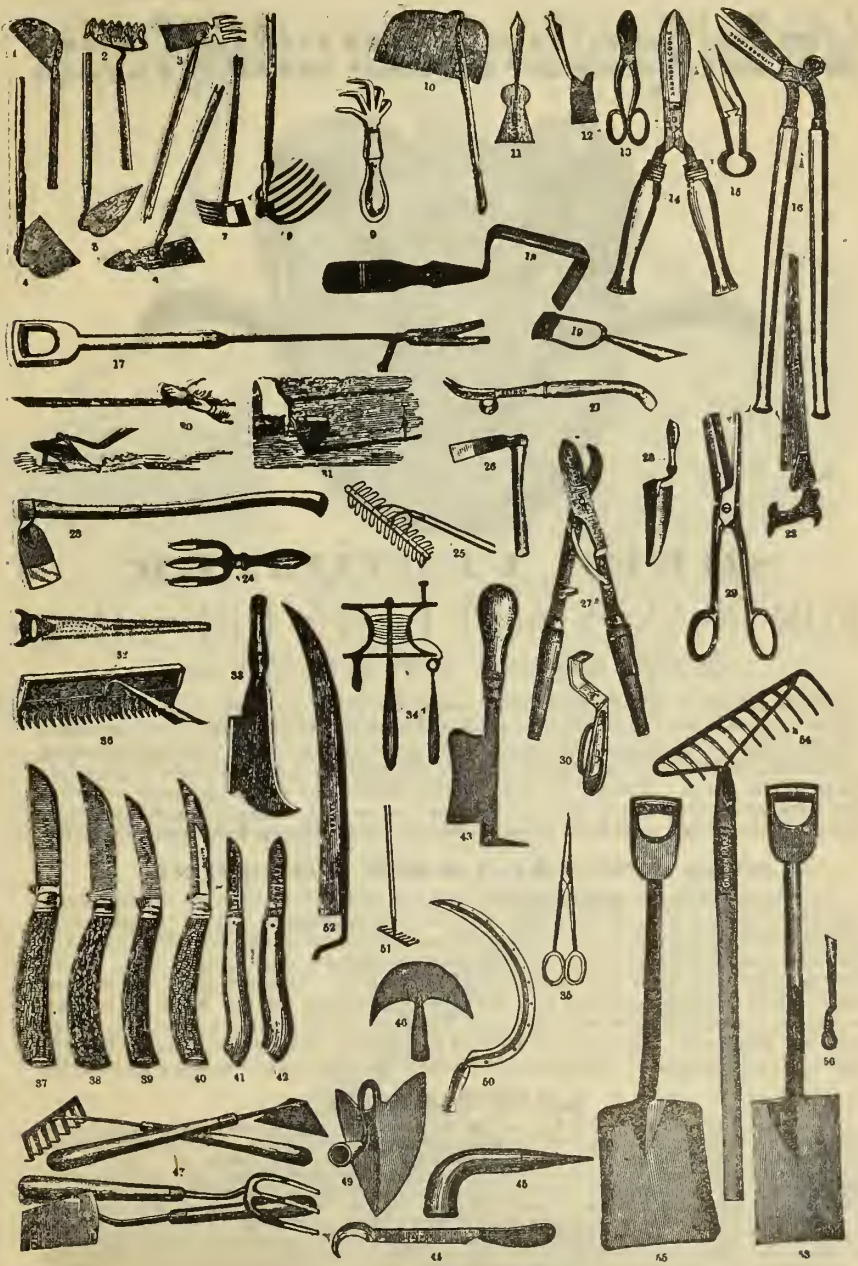
The best Letters in the Market. See cut. Sizes 1½ inch and 2 inch, $2.00 per 100. Patent fasteners with each letter. With an order for 1000 letters, we furnish a box for them. We carry stock of *Wheat Sheaves*, flat and standing, several sizes, also *Immortelles*, all colors, *White Cape Flowers, Florists' Labels* and *Grasses, Sea Oats and Pampas Plumes.*

HORTICULTURAL AND GARDENERS' SMALL TOOLS,

KEY TO OPPOSITE PAGE.

No.		Price.
1	Solid Shank Hoe, price	$0 30
2	Notched Scuffle Hoe, price	1 00
3	Narrow Hoe and Rake combined	50
4	Socket Common Hoe	35
5	Trowel Shape Weeding Hoe	75
6	Onion Hoe, "double end"	50
7	Hoe and Rake, several sizes	40 to 80
8	Potato Hook, several sizes	25 to 75
9	Secor Weeding Hook, very desirable	20
10	Large Plantation Hoe	75
11	Thistle Spud	50
12	Thistle and Plantation Spud for Lawns	50
13	Pruning Shears, we have an endless variety	40 to 1 50
14	Hedge Shears, several sizes	1 00 to 1 75
15	Sheep and Grass Shears, several sizes	1 00 to 1 75
16	Border Shears with Roller or without	2 50 to 4 00
17	Spud for pulling vegetables, etc	1 00
18	Patent English Weeder	25
19	" " Scuffle Hoe	30 to 50
20	Onion and Celery Plow, Fire Fly	2 50
21	Tack Claws	15 to 25
22	Pruning and Wood Saws	50 to 1 50
23	Mattock, we have several Styles	50 to 1 00
24	Transplanting Fork of Steel and Malleable	25 to 40
25	Wire Leaf Rake	60
26	Narrow Mattock	75
27	Tree Pruners, several styles	1 00 to 3 50
28	Steel Trowels, all grades	10 to 60
29	Flower Gatherer, of Malleable and Steel	50 to 1 00
30	Lang's Patent Weeder, very fine	25
31	Hand Seed Drill	2 50
32	Double Edged Pruning Saw	75
33	Bill Hook	1 00 to 1 50
34	Garden Line Reel, very durable	1 50
35	Grape and other Scissors, large assortment	25 to 1 00
36	English Lawn Rake, grass and leaves	75 to 1 25
37	Straight Edge Whittling and Pruning Knives	50 to 1 00
38–39–40	English Pruning Knives	50 to 1 00
41–42	Budding and Grafting Knives	50 to 1 00
43	Grafting Chisel	75 to 1 00
44	English Pruning Hook Knife	1 00
45	Dibble, or Dibber for transplanting	25
46	Border Knives, English and American make	60 to 1 25
47	Floral Sets of four pieces, boxed	50 to 75
49	Warren Hoe, quite practical	75
50	English and American Grass Hooks	25 to 50
51	Steel and Malleable Garden Rakes, all sizes	25 to 60
52	English and American Lawn and Grass Scythe	50 to 1 50
53	English and American Spades	60 to 1 35
54	Latest pattern Steel Garden Rakes	40 to 75
55	All styles of Shovels, large and small	25 to 1 00
56	Asparagus, Dock, Plantain and Weed Digger	30

The very best hand appliances ever introduced for rapid work. We know no better weeders in the market. Price prepaid by mail **30** cents; at our store **25** cents. The Angle Trowel is in three sizes, **20**, **25** and **30** cents.



SEED AND GRAIN TRYERS.

Large Taper Tryer, Steel Point, Nickled, ... Price, $1.25
" " " Brass, ... " 1.00
Small Straight " " Brass, ... " .75

A LIBERAL DISCOUNT TO THE TRADE.

Note our special offer on Poultry Supplies on last page.

Lawn Seed, Special Lawn Dressing and Sheep Fertilizer

SHEEP FERTILIZER.

FOR PLANTS AND LAWN DRESSING.

QUICK, LASTING AND ECONOMICAL.

This is a Plant Food of great merit, carefully prepared with a view of supplying a Manure which shall contain all the elements necessary for the perfection of plant life. The ingredients have been so arranged that, while accelerating luxuriant growth, permanent benefits are secured by a continuance of nourishment to the plant. It is safe to use, and suitable for every purpose where a fertilizer is required. It is the only Manure we use on Lawns; it is absolutely free from foul seeds and a natural grass producer. **Price per 100 lbs. $3.50.**

OUR SPECIAL LAWN DRESSING.

For a lawn fertilizer that is cheaper than the Sheep Fertilizer we would recommend our Special Mixture of Lawn Dressing containing as it does valuable food for plant life, viz., pure ground Bone, Guano, Sheep Fertilizer, Tobacco Dust, &c., its value can be seen at once. It will give the grass a dark green color, acting very quickly and not fill the lawn full of foul weeds. If there are spots in your lawn where the grass dies out and has the appearance of the work of insects, use our Lawn dressing which contains Tobacco and is a sure cure as well as an excellent fertilizer. The above is all that is necessary for a perfect lawn after the *ground is well prepared* which should be done as long before sowing as possible

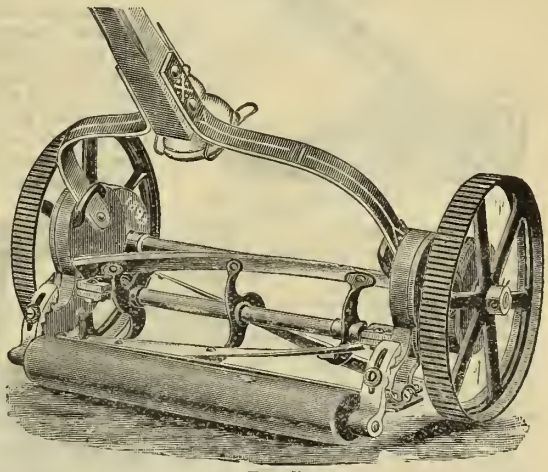
LAWN SEED.

We have only to refer to the *best Lawns of Syracuse* to show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaption to soils, the time of maturing, height, color, &c., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We have reached the goal in this line and we are sure there is no better mixture for lawn than ours. In the first place we intend to have our *Lawn Seed strictly pure.* We examine every variety under a glass before we mix them, that our lawn seed may be free from foul weeds. We use all fibrous rooted perennial grasses so that they will stand the drouth and close cutting with the lawn mower without killing. We select grasses that harmonize in size in order to produce a fine velvety appearance and form a thick covering on the ground.

The reputation of our Lawn Seed extends throughout the country, and it is now used in many of the cemeteries, parks, public and private grounds in the State We put it up in quart packages with full directions for sowing on each package, or sell it in bulk as desired. If your groceryman does not keep it you can order it direct. Price per quart package **25** cents; per pound loose, **30** cents. One quart package will cover twenty feet square of new lawn.

We shall sell Lawn Mowers this Season at Prices regardless of Cost.

NEW EASY.



THE REX.

Lawn Mowers Cheap.

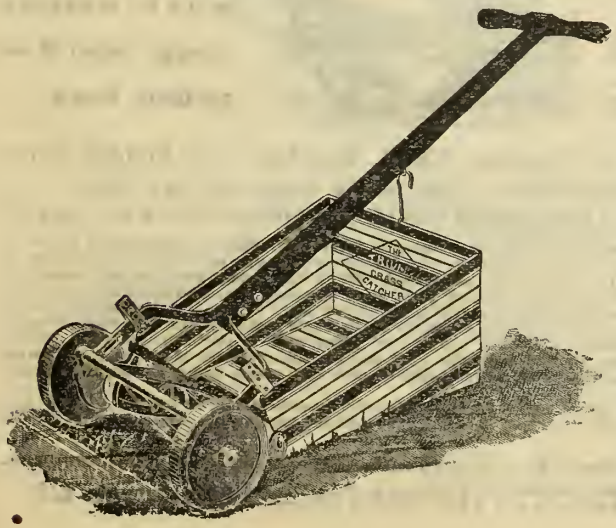
THE REX JR., "THE LION," NEW EASY, BAY STATE, GRANITE STATE, PHILADELPHIA and BOSTON. All warranted.

These are Lawn Mowers that will do good work, are durable and easy running, and will be sold for a very reasonable price. We will place one on your lawn in competition with any other named lawn mower, subject to the approval of the operator. *Satisfaction guaranteed or no sale.* Retail price as low as any first class Mower. Sharpening and repairing a specialty.

Border Shears, Grass Shears, Edging Knives, Weeders Dock Spuds, Weeding Trowels, Leaf Rakes.

THE TRIUMPH ADJUSTABLE GRASS CATCHER.

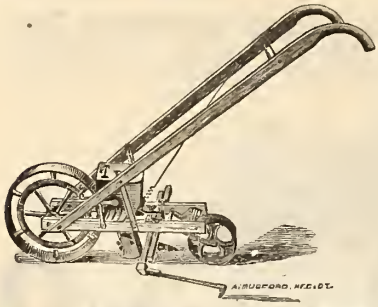
Patented November 8th, 1892.



Nothing succeeds like success.

This new invention has already become the favorite grass catcher with jobbers and retailers who sell them and the public who use them.

It is made of strong blue or brown striped canvas with a galvanized adjustable frame, adapted to any size of lawn mower. It is durable, constructed on correct mechanical principles, and is so arranged that the canvas cannot be cut by the sharp ends of wires, as the ends of the frame are enclosed in a small tight-fitting brass tube, only large enough for the wire to open and close the catcher, while the ends of the bottom wires are connected by a joint or eye to the main frame, making the whole strong and rigid. *No. 1 fits 10 to 18 inch machines, List* $1.25. *No. 2 fits 14 to 20 inch machines, List*, $1.50.



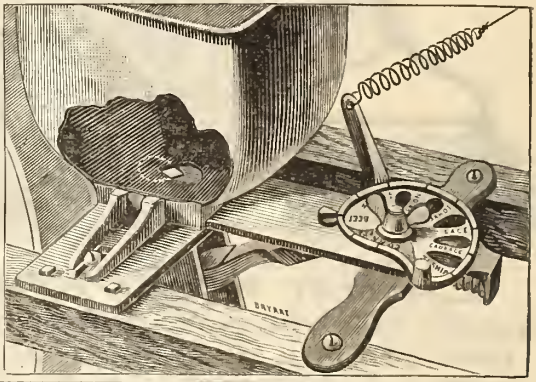
The New Model Seed Drill.

We place the New Model Drill at the head of the list because there is where it properly belongs. This Drill contains all the good points of every old drill in the market, with this point in addition: The slide or hole through the slide where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, as shown in cut below, which is another advantage for rough or irregular shaped seeds.

Price, $8.00

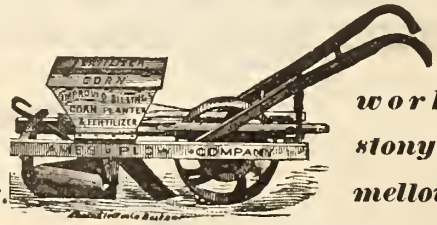
INDEX—As shown by enlarged cut the index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and as stated above, can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to consult any table of references.

CUT-OFF—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



IMPROVED
BILLINGS PLANTER AND FERTILIZER.

Time Saved. Better Work. Quicker Results.



Perfect work whether stony, sward or mellow land.

Superior to all for Planting Field, Ensilage and Fodder Corn, Broom Corn, Beans and other Seeds of like size.

CAN ALSO BE ARRANGED FOR DROPPING BEET SEED.

This Planter has proved itself perfectly adapted to every requirement; durable and simple in construction; not liable to get out of order, and anyone can at once understand and manage it. It **performs work with certain and good effect on stony and sward land,** as well as on mellow intervale or other smooth land, thus asserting its superiority over all other planters. One horse is sufficient for draft, and seven to ten acres can be planted by one man in a day. The work can be done at once and when the ground is in best condition to receive the seed, and far better than is possible to plant by hand. The importance in the saving of time will be readily understood, and the superiority of the work done is substantiated by the fact that **corn planted by this machine** germinates much quicker and comes up much more uniformly than if planted by hand.

By a very simple but certain and unerring device, this machine may be gauged to drop any desired quantity of Seed or Fertilizer at a time, at equal and various distances apart, in hills or drills of uniform depth.

Size 18 in. wheel, plants 7, 14, 28, 56 inches apart, price all complete, $19.

The ALBANY PLANTER $16, with Fertilizer Attachments $18.

THE JEWEL

Is the Latest Hand Weeder with two wheels, and has all the Teeth Attachments necessary to do any kind of weeding.
Price $4.50.

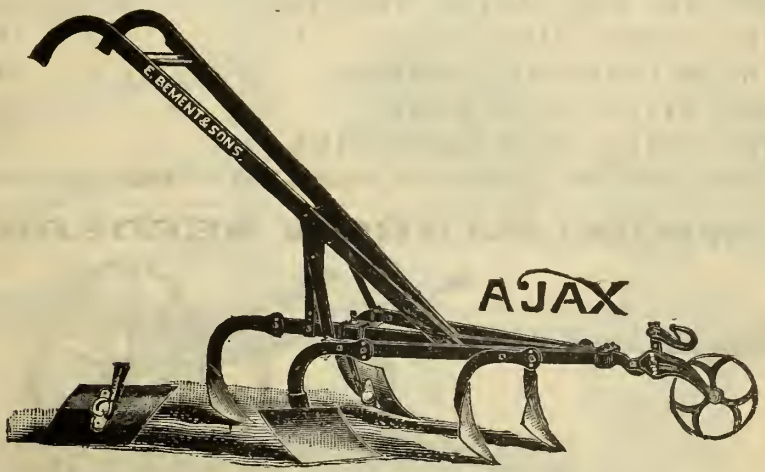
THE GEM

Is the Best One-Wheel Hand Cultivator in use
Price $4.00.

Everitt's Man Weight Cultivator

Double Wheel, Plow, Hoe, Drill, &c., combined. A great thing.
Price, $.800.

Planet Jr., Cultivator and Drill Combined. Price, $12.00.

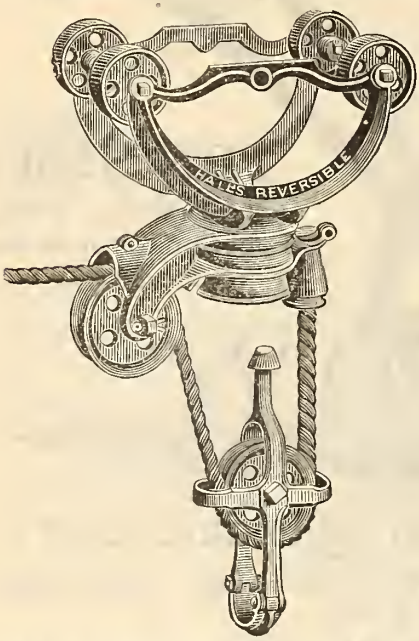


Cultivator all Steel Frame and Teeth. They combine all the desirable points in any cultivator made. This season we have the AJAX Cultivator With the Lightning Adjusting Attachment so arranged that the operator can change from wide to narrow without stopping his horse.

Price of regular old style, complete, **$5.00** ***Of New Shifting Cultivator,*** **$6.00.**

Wood Frame, Cultivator $3.00. Hop Cultivator, $3.00. Fremont Cultivator all complete with Shovels reduced to $28.00. Wheel Cultivator $20.00.
Cultivator teeth and extras always on hand.

Hall's Reversible Car



Is made entirely of ***Malleable Iron***, light and durable.

IT RUNS BOTH WAYS ON THE TRACK WITHOUT CHANGING.

Price, $6.00

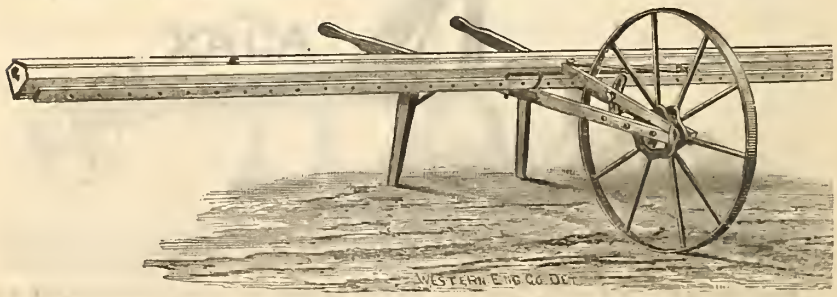
This car runs on a wooden track 4 x 4, or it can be made of two by fours nailed together, suspended by the Iron hooks which we furnish at $1.00 per dozen. Any carpenter can put this car in shape to run at a small expense.

Double Harpoon Forks, - $1.00
Pulleys in Wood and Iron, 25c. each.
Rope, best Manilla at lowest prices.

THE KERSHAW, Iron Rod Car,	$6.00
THE NEY HAY CAR, for Wood Track,	6.00
THE SPROUT CAR, " " "	6.00
THE BULLARD HAY TEDDER,	35.00
THE WIARD HORSE RAKE,	22.00
THE TAYLOR No. 1 HORSE RAKE,	22.00

WE HAVE THE TEETH FOR THESE RAKES AND TEDDERS.

WHEELBARROW SEEDERS.

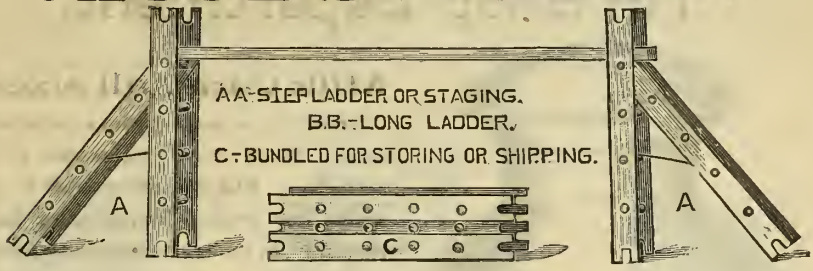


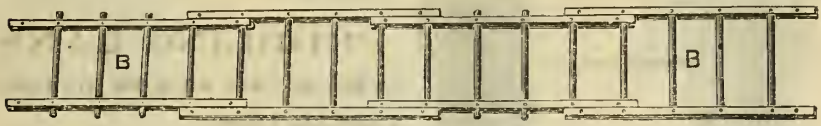
With Rubber, Wire or Twine Distributers. With Wooden or Iron Wheels.

They can be worked by anyone who can run a wheelbarrow.

Price $6.00 to $8.00 each. We are Agents for this County.

JACOB'S LADDER!



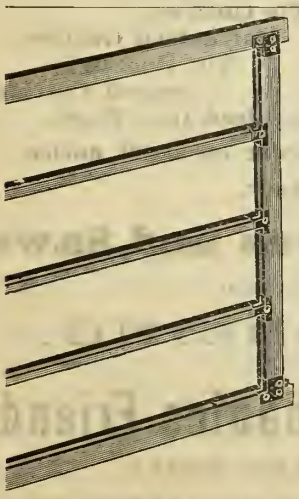


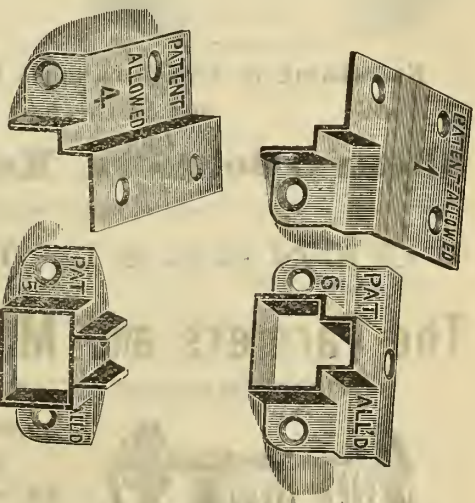
Jacob saw in his Dream a Ladder which extended from Earth to Heaven, but

JACOB'S EXTENSION OR SECTIONAL LADDER AND FIRE ESCAPE.

Is no dream, for any one who is wide-awake can see that this Ladder is one of the most complete articles ever invented for **Carpenters, Roofers, Paper Hangers, House Decorators, Merchants, Farmers** and **Mechanics** of all kinds. In fact, almost every one who is keeping house, or in any kind of business, will find this Ladder one of the most handy articles they ever owned. It is made in six foot sections, each one of which can be joined to the other in various shapes and forms, convenient for use. Five sections can be so adjusted as to make a 6-12-18-24 and 30 foot ladder, also a step ladder or staging from 1 to 12 feet high, and when not in use, it can all be stored in a very small space under cover, as shown in *cut C*. It is a well known fact that the ladders now in general use become so exposed to rain and weather, that when they are hastily required for fire or other purposes, they have become so decayed that many accidents to life and property occur from their use.

THE GARDENER'S HOT BED SASH.



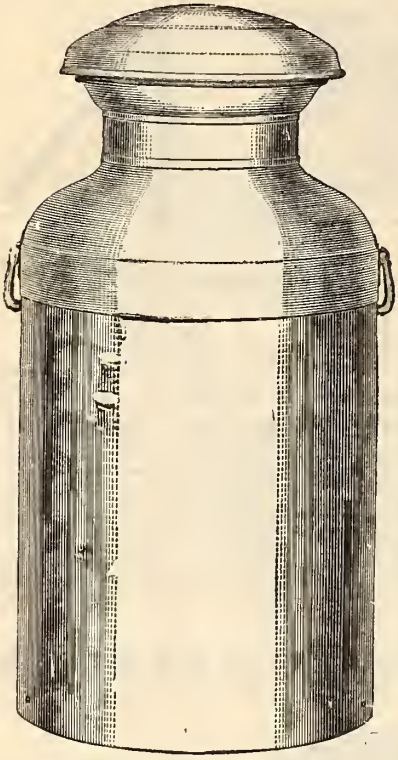


USED BY THE LEADING HORTICULTURISTS OF THE COUNTRY.

These Sash are made of **Clear Cypress** lumber, and braced with malleable iron or steel plates. They have no mortises or tenons, and consequently no places to hold water and rot. They are stiffer than any other sash, and do not become racked by constant handling. They are practically indestructible and **you** can not afford to use any other.

Price per dozen, $18.00 Sample Sash, $2.00

Tin Shop Department.



Milk Cans, all sizes.

Every Can is made by an experienced man. Every cover warranted to fit perfectly. Milkmen are invited to examine our work. Repairing done promptly, in the best manner, at a moderate price.

PEDDLING CANS

in 20, 30, 40, 50 & 60 qt. sizes.

Carrying Cans,
Dairy Cans,
Cream Pails,
Strainer Pails,
Pint Dippers,
Quart Dippers,
Strainers,
Tin Pans,
Tin Milk Pails,
Sprinkling Pots,
Tin Gutters,
Galvanized Gutters,
Tin Roofing,
Stencil Cutting,
Galvanized Iron Work.

Everything in Tin Work made to order on short notice and in the best manner.

Shears, Scissors, Knives and Saws

Sharpened and repaired. Also

GENERAL JOBBING.

The Farmers and Mechanics Friend.

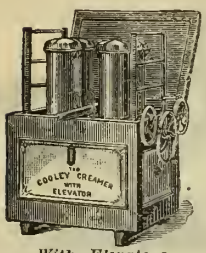
COMBINATION CLAMP AND DRILL.

$2.25 with Diamond Point Drills.
Extra Drills, 10 cts. each.
$3 with Syracuse Twist Drills.
Extra Drills, 28 cts. each.

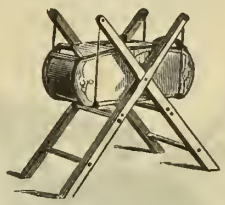
The lowest priced first-class article of its kind on the market. Can be used as a wood clamp, also a bench vice or hand drill. Thoroughly practical.

PRICE LIST OF DAIRY IMPLEMENTS

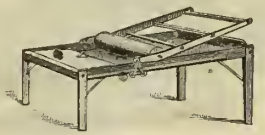
Manufactured by the Vermont Farm Machine Company, Bellows Falls, Vt., can be had of us if you will ask for it. We are agents for their full line of CREAMERS, &c. We show a few styles on this page.



With Elevators.



Davis Swing Churn.



Eureka Butter Worker.

Cabinet Style.

Favorite and other Barrel Churns.

NET CASH PRICE LIST ON BARREL CHURNS.

No. 1,	10	gallon,	will churn,	5	gallon		$4 50
" 2,	15	"	"	8	"		5 00
" 3,	20	"	"	10	"		5 50
" 4,	25	"	"	12	"		7 00
" 5,	30	"	"	14	"		8 00

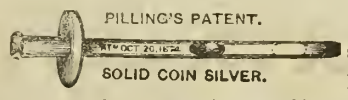
PRICE LIST DAVIS SWING CHURNS.

No. 1,	capacity	7	gallons,	churn	3	gallons	or less	$ 7 00
" 2,	"	10	"	"	5	"	"	8 00
" 3,	"	16	"	"	8	"	"	10 00
" 4,	"	24	"	"	12	"	"	12 00
" 5,	"	30	"	"	15	"	"	15 00
" 6,	"	40	"	"	20	"	"	18 00

Iron Y for attaching power, 75 cents extra. Folding Frames, $1.00 extra.

Oak Dash Churns, Stone Dash Churns, Davis Swing Churns, Dog Powers, Perfection Faucets, Butter Workers, Skimmers, Butter Carriers, Butter Ladles, Carter's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers.

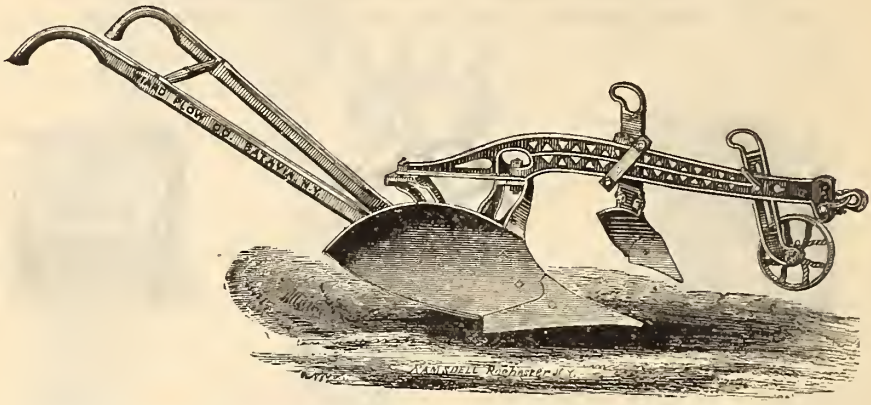
Milking Tubes



For Sore and Obstructed Teats and Hard Milking Cows

DIRECTIONS—The long rounded end of the tube is inserted in the orifice of teat, when the milk will flow without the use of the hands. It is best to wet the Tube with a drop of milk or water before using Remove the Tube when milk ceases to flow. If in some cases, the obstruction is further up the teat than can be passed by the regular length you should have a longer tube, and as it can be made any length, answers for all purposes.

Wiard and Munnsville Celebrated Plows.



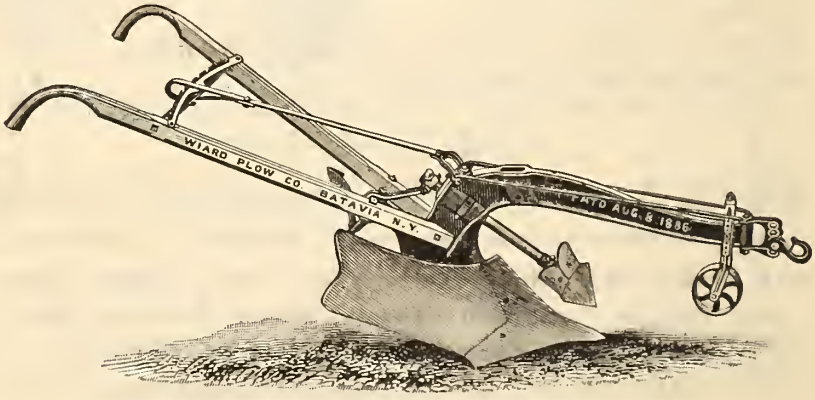
WIARD'S PATENT ADJUSTABLE MALLEABLE IRON BEAM CHILLED PLOW.

Centre Draft, Right Hand.

We have sold their make of Plows for years with great success; we carry in stock some ten sizes to suit all kinds of soil. We warrant each plow to do first class work when properly adjusted.

THE WIARD SWIVEL PLOW

WITH AUTOMATIC COLTER.



The Best Plow in the World for hillside or flat land and for cutting roots, or use in rough or stony ground. *The Coulter is made of Steel*, is adjustable in height, is easily kept sharp for cutting grass or other roots; draws easier than any other plow made and costs no more than if rigged with Jointer. *We speak of this* more especially for the reason that, wherever known, this Automatic Colter has given most perfect satisfaction, and our orders for it are much larger than ever before. *Whoever has a Wiard Swivel Plow* with Automatic Colter and adjustable Clevis, needs no other Plow for any work on the farm.

PLOWS AND PLOW CASTINGS.

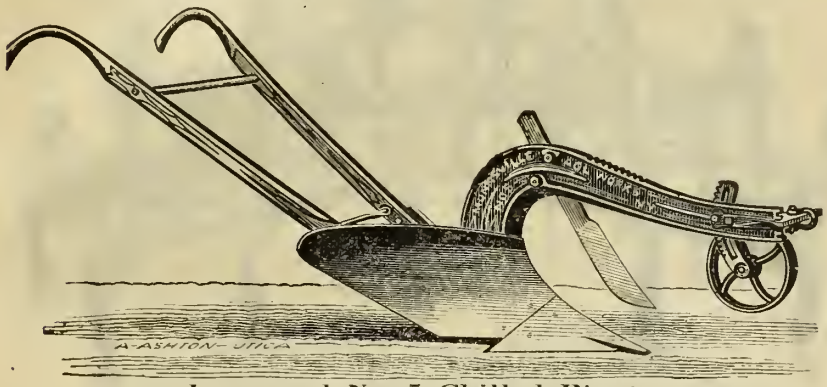
We are now carrying the largest line of Plows and Plow Castings that can be found in Syracuse. We can supply parts for nearly every Plow in use in this county. If you have an old favorite Plow and want parts, call on us. If you wish to change and get the best running Plow you ever saw, call on us, we can suit any kind of soil. If you are not sure of the name or number of your Plow that parts are wanted for, bring along the old part and we can fit you out with Wiard, Munnsville, Phelps, Dutton, Syracuse, Robinson, &c. Prices reasonable. Half dozen lots special price.

MUNNSVILLE PLOWS.

LATEST IMPROVED SEPARATE SHIN PIECE.

No. 59 Chilled, Leads Them All.

Separate Shin Piece Jointers will not Clog. Light draft and bound to clean in any soil. Our Adjustabe Jointer will not add to the draft. Furnished with Coulter or Jointer at the same price. Unequalled in hard or stony ground.

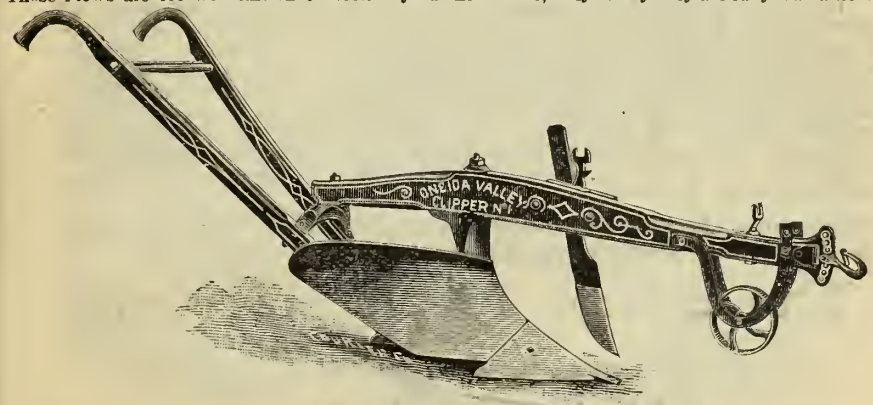


Improved No. 5 Chilled Plow.

We keep in stock a full line of **Munnsville Plows** as follows:

No. 5, Chilled and Steel, Iron Beam; No. 59, Chilled, Iron Beam; No. 8½, Excelsior, Wood Beam; No. 9, Excelsior, Wood Beam; No. 2½ Chilled and Steel, one Horse, Wood Beam; No. 21 Peekskill, Chilled, Wood Beam; No. 1, 2, 2½ Oneida Valley Clipper, Steel Plow, Wood Beam.

These Plows are too well known to need any further notice, only to say they are fully warranted.



Oneida Valley Clipper, No. 1.

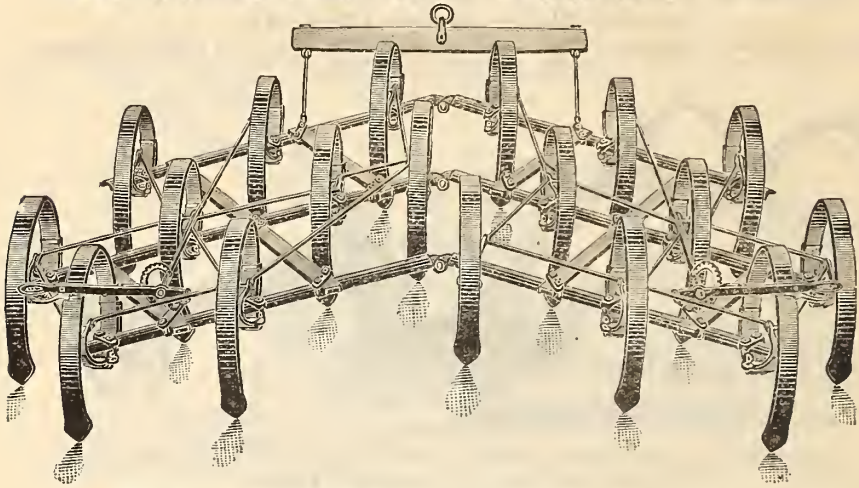
HALLOCK'S POTATO DIGGER.

The diggers competed at the potato-digging contest, open for all comers, at Mr. McCurdy's farm, at New Brunswick, N. J., viz: the Triumph, the Hoover, and the Hallock. At its close a vote was taken among the farmers present and the result was, four for the Hoover, six for the Triumph, and nineteen for the Hallock. As a result of the trial, we purchased one for our own use and find it superior, in the less power required and thoroughness of work done, to either the Allen or Common Sense digger which we had previously used; indeed, where the ground is cleared from weeds and vines, there is no necessity of digging after it, as the harrow will bring to light all that are not thrown out on the surface. Where the land is very weedy or the vines are green, we unhook the two wings and lay them aside. We find the Hallock a great labor-saver. It throws the potatoes on the surface entirely free from cuts or wounds of any kind.

Mr. P. B. Conets, of Flint, Mich., writes: "I have dug 10,000 bushels with the one purchased, and can turn out 500 bushels a day with five men. I would not take $50 for it if I could not get another. I have had most all other diggers, costing from $90 to $1.25, but I would sooner have yours even at the highest price."

Price, $18

NEW LEVER HARROW.



TEETH ADJUSTED FOR ORDINARY WORK.

The above is a cut of the CHILD & JONES *new all steel frame Lever Harrow*, fully warranted by us to do the best of work. Draft light, cleans readily; for wear and service it has no equal.

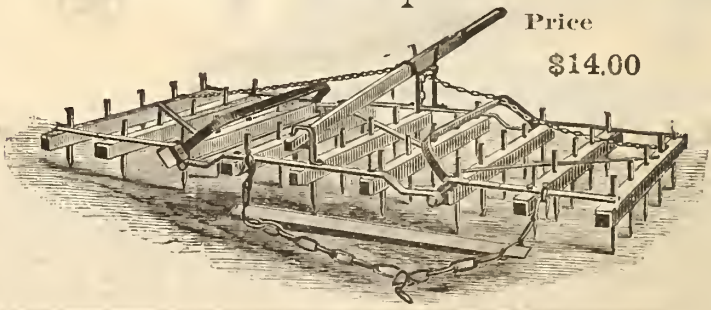
The teeth are fastened on the under side of the draft bars, and not at the intersection of the cross bars of the Harrow Frame which gives the advantage of clearing itself readily, and produces the lightest draft possible The teeth being held and adjusted by the clamps, gives all the necessary adjustment required to obtain all the wear and service there is in the teeth of any Spring Tooth Harrow. This description applies to the main frame and construction of our Lever Harrow, and it is the same as we have used on our regular harrows for years, which has proved itself to be the strongest and best Spring Tooth Harrow Frame in the world. It will do more difficult kinds of work, and do it better than any tool in the world.

Smoothing Harrows, Wood Frame Tooth Harrows, Wheel and other Harrows, Mann's Seeder and Harrow combined.

The Evans Triple Harrow.

Price

$14.00



The Great Cutaway Spading and Pulverizing Harrow,

PRICE $24.00

WE HANDLE A FULL LINE OF

Adriance, Platt & Co.'s Buckeye Mowers and Reapers.

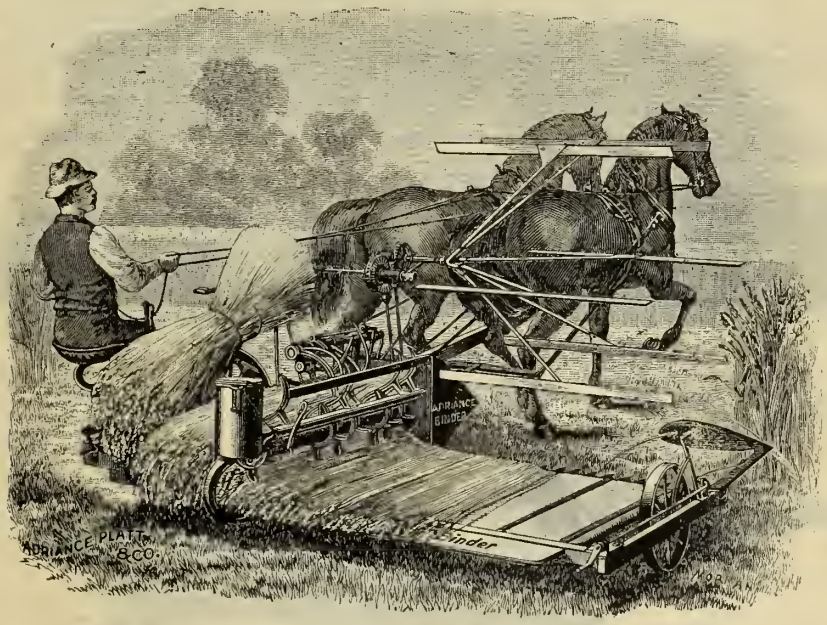
Extras always on hand for all the Buckeye Mowers made at Poughkeepsie, N. Y., and their new

ADRIANCE REAR DISCHARGE BINDER.

The only Binder in the market that *two horses* can handle with ease.

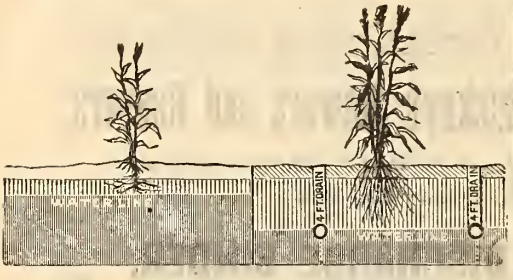
The only Binder that is perfectly safe to run on our *rolling grounds* without tipping over.

Built of the best **Malleable Iron and Steel,** with less than half the machinery of any other binder in use.



We refer to the following who have purchased our **ADRIANCE REAR DISCHARGE BINDER** and used them in all kinds of heavy tangled grain and cut a very large acreage during the past season, giving the best of satisfaction :

MR. CHARLES H. HART,	**Onondaga Valley, N. Y.**
SKIFF BROS.,	**Salina, N. Y.**
C. W. KNAPP,	**Syracuse, N. Y.**
B. B. ANDREWS,	**Dewitt, N. Y.**
FRANK NOTTINGHAM,	**Dewitt, N. Y.**
E. F. KIMBER,	**Syracuse, N. Y.**



Undrained Soil. *Drained Soil.*

The following Sizes of Tile Always on Hand.

Size.	*Weight Each.*	*Per Thousand.*
2 Inch Rise, Sole Tile.....	3 lbs.	$12.00
2½ " " " "	4 "	15.00
3 " " " "	5 "	20.00
4 " " " "	7 "	35.00
5 " " " "	9 "	50.00
6 " " " "	12 "	70.00
3½ " " Horse Shoe Tile.....	4 "	15.00
4 " " " "	5 "	20.00
5 " " " "	6 "	30.00
6 " " " "	8 "	40.00

Length of Tile.....14 Inches.

Special price on car load lots direct from the factory, which, being located at Chittenango, N. Y., on the lines of the New York C. & H. R. R., The West Shore R. R. and Erie Canal, gives us exceptional shipping facilities.

PRACTICAL SUGGESTIONS ON TILING.

In having a tile drain it is well to strictly adhere to the following rules:

1. The drain should have a sufficient outlet for the discharge of all the water that may pass through it.

2. The drain should be deep enough to drain the widest space possible—from three to four feet—and deeper if necessary to get the water out by a much shorter line; but drain anyway, even if you cannot get outlet to drain so deep.

3. The bottom of the drain should be one regular line of descent, so that the current may have a smooth flow from the head to the mouth of the drain.

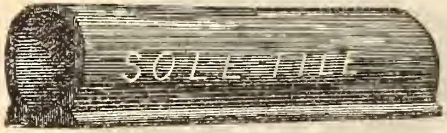
4. In laying the tile take pains to fit the joints closely, as with all care there will be sufficient space for the inlet of the water, and close joints will prevent the letting in of silt or washings.

5. At the junction of the drains the water should be brought together flowing as near as possible in the same direction, so that the flow of the current may not be obstructed.

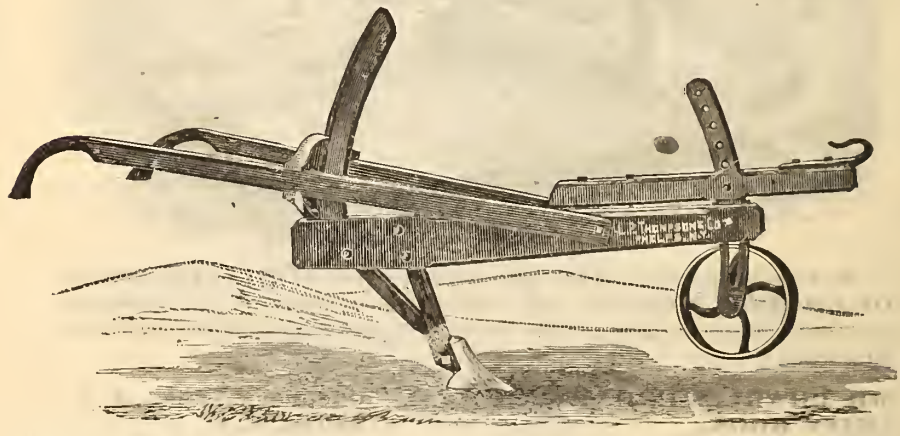
6. The size of the tile may be pretty accurately determined by the amount of surface to be drained and the descent of the drain.

7. If the drain be laid at a distance of 40 feet apart, 64 rods of tile are required to lay one acre; if at a distance of 50 feet apart 52 rods and a fraction will be required, and at a distance of 50 feet apart, 44 rods.

The distance that a drain will draw water on the sides is from 30 to 100 feet, depending upon the depth of the drain and character of the soil.



DITCHING PLOW.



We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod. Hugh Oliver, of Marcellus, N. Y., now using one of these Plows, says he would not be deprived of it for $50. It is just the Plow for Ditching. Price of Plow complete, $10.00.

POULTRY SUPPLIES.

PRICE LIST.

BEEF SCRAPS.

Ground.....$3.00 per 100 pounds.

CRUSHED OYSTER SHELLS

100 lb. sacks (no charge for bag).....$1 00

BONE MEAL.

Per pound.....3 cents.
Fine Bone for Cattle..... 4½ cents.

GRANULATED BONE.

Per lb.....3 cents.
100 lbs.....$2 50

Our Bone Meal and Crushed Shells are expressly manufactured for fowls from superior stock, pure and sweet. Our bird seeds, etc., are pure, fresh and of excellent quality. We guarantee satisfaction as to quality of goods.

EGG AND CATTLE FOOD.

Prolific Egg Food, 1 lb. package.....25 cents.
" " 2½ lbs.....50 "
" " 5 lbs.....90 "
Pratt's Egg Food.....25 "
Rust's Egg Food.....25 cents.
Harvell's Condition Powders, lb.....25 "
Pratt's Food for Horses and Cattle 25 lbs..$1 50
Drinking Fountains for Poultry, 40 and 50 cents.
China Nest Eggs, per dozen.....30 cents.
Poultry Netting, all sizes, per sq. ft.....1 cent.
Haven's Roup Pills, per box.....25 cents.

BIRD SEED, Etc.

Shepard's Song Restorer.....25 cents.
Audubon's Iron Bird Tonic.....25 "
VonMuller's Mocking Bird Food.....30 "
McAllister's Bird Lice Destroyer.....25
Lettuce Seed for Birds, per oz.....10 "
Red Peppers.....
Cuttle Bone, per oz.....05 "
Canary, best grades only, per lb.....10 "
Hemp, recleaned, per lb.....10 "
Rape.....10 "
Millet, per lb.....10 "
Maw.....25 "
Silver Washed Gravel, per package.....10 "
Mocking Bird Food, per bottle.....30 "
Bird Song Restorer, per bottle.....25 "
Parrot Seed, per lb.....10 "

SPECIAL OFFER OF POULTRY SUPPLIES.

For $1.00 we will send by freight to your address

35 lbs. best Crushed Oyster Shell,
10 lbs. best Beef Scraps,
5 lbs. best Crushed Bone,
1 package Egg Food,
1 Egg Record,
1 copy of *Poultry Journal*,
also 1 paper of choice Pansy Seed.

All securely packed upon receipt of $1.00.

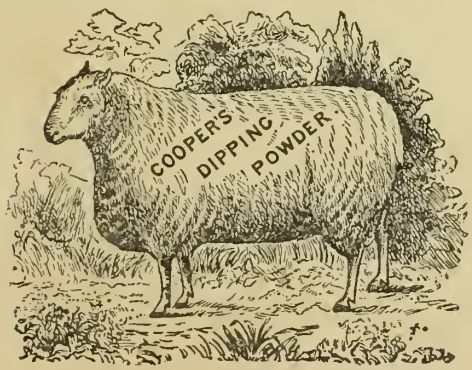
Send money in Postal Note, Express Order or Currency.

For a Bracing Tonic in Winter,

And one that will in a measure guard against roup, it is only necessary to add to the water a few drops of a solution of sulphate of iron (green vitrol) to give it a slight mineral taste. The water will assume a rusty appearance, but this is quite immaterial.

It's a Hen's Natural Business to Lay Eggs,

And a good many of them; if she does not it is because nature is hindered. Now in nature hens get much green food, insect food and some meat, and if we would have them at their best for laying when eggs are high-priced, then we must see to it that this part of the diet is all right.



WE SELL THE

Cooper's Sheep Dipping Powder,

the finest in America, used by all the *Ranchmen* in the west, sure cure for Scab and Ticks. We could show you a list of testimonials a yard long if necessary, but I think the one we add from, a firm so well known among Sheepmen will be all that is required to convince you we have the best. Sold at Factory price, $2 a package. One package will make 100 gallons for use.

SAN ANGELO, TEXAS, June 9th, 1891.

We hereby certify that we have dipped this spring twenty thousand head of sheep with **Cooper's Sheep Dipping Powder,** and the result so far has been, no appearance of scab; in fact the scab seems cured. We also state with pleasure that we have no losses resulting from the dipping either in grown sheep or lambs, except three head of lambs. We cheerfully recommend the COOPER DIP to all sheepmen.

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